रजिस्ट्री सं० डी (डीएन)-128/89 REGISTERED NO. D (DN)-128/89

भारत का राजपत्र
The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 44] नई दिल्ली, शनिवार, नवम्बर 4, 1989, (कार्तिक 13, 1911)
No. 44] NEW DELHI, SATURDAY, NOVEMBER 4, 1989 (KARTIKA 13, 1911)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 4th November 1989

ADDRESS AND JURISDICTION OF OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below :—

Patent Office Branch,
Todi Estates, 3rd Floor, Lower Parel (West),
Bombay-400 013.

The States of Gujarat, Maharashtra, and Madhya Pradesh, and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE".

Patent Office Branch,
Unit No. 401 to 405, 3rd Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

Telegraphic address "PATENTOFIC".

Patent Office Branch,
61, Wallajah Road,
Madras-600 002

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu, and the Union Territories of Pondicherry, Laccadive, Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),
"NIZAM PALACE", 2nd M.S.O. Building,
5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 4 नवम्बर 1989

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रवर्तित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट
तीसरा तल, लोअर परेल (पश्चिम),
बम्बई-400 013.

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य क्षेत्र
एवं संघ शासित क्षेत्र गोआ, दमन तथा दिव
एवं दादरा और नगर हवेली ।

तार पता—"पेटोफिस" ।

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोलबाग,
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश
राज्य क्षेत्रों एवं संघ शासित क्षेत्र
चंडीगढ़ तथा दिल्ली ।

तार पता—"पेटेंटोफिक" ।

पेटेंट कार्यालय शाखा,
61, वालाजाह रोड,
मद्रास-600 002.

आंध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य क्षेत्र
एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिनिकाय तथा एमिनिदिवि द्वीप ।

तार पता—"पेटोफिस" ।

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय भवन,
5, 6 तथा 7 वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700 020.

भारत का अवशेष क्षेत्र ।

तार पता—"पेटेंट्स" ।

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जायेंगे ।

शुल्क :—शुल्कों की अदायगी या तो नकद की जायेगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा सकती है ।

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed Under Section 135, of the Patents Act, 1970.

The 27th September, 1989

789/Cal/89. Himont Incorporated. Components and catalysts for the Polymerization of olefins.

790/Cal/89. Himont Incorporated. Catalysts for the polymerization of olefins.

791/Cal/Himont Incorporated. Diethers usable in the preparation of ziegler-natta catalysts.

792/Cal/89. Siemens Aktiengesellschaft. Vacuum switch tube, load break switch and operation method thereof.

The 28th September, 1989

793/Cal/89. B.V. Optische Industrie 'De Oude Delft'. Piezoelectric attenuation tongue system for slit Radiography equipment. [Divisional dated 9th December, 1986].

794/Cal/89. Lucas Industries Plc. Pump. (Convention dated 6th October, 1988) (U.K.) 8823453.9.

795/Cal/89. Hagglunds Denison Corporation. Control for transfer system having inhaul and outhaul wingles. [Divisional dated 24th June, 1987]

796/Cal/89. Hagglunds Denison Corporation. Control for transfer system having inhaul and outhaul winches. [Divisional dated 24th June, 1987].

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002

The 11th September, 1989

671/Mas/89. Kansai Paint Co. Ltd. Resin composition for cationically electrodepositable paint.

672/Mas/89. Compagnie Generale Des Establissements Michelin-Michelin & CIE. Assembly of concentric layers of cords.

673/Mas/89. Avery International Corporation. Stretchable but stable film and fastening tape.

674/Mas/89. Beche & Grohs GmbH. Screw press.

The 12th September, 1989

675/Mas/89. Institut Francais Du Petrole. Signal receiving system able to be coupled with the wall of a well or drilling.

676/Mas/89. Asea Brown Boveri Ltd. Process for axially adjusting the carrier lifetime.

677/Mas/89. Daihen Corporation. Stationary induction electric apparatus and manufacturing method therefor.

678/Mas/89. Maschinenfabrik Rieter AG. recognizing unwanted material in textile fibres.

The 13th September, 1989

679/Mas/89. Compagnie Generale Des Etablissements Michelin-Michelin & CIE. Method and apparatus for obtaining wires of amorphous metallic alloys.

680/Mas/89. Minnesota Mining and Manufacturing Company. Shelling-resistant abrasive gain, a method of making the same, and abrasive products.

681/Mas/89. Rob Van Der Valk. Measurement of capacitance and parameters related thereto. (September 14, 1988; United Kingdom).

682/Mas/89. First Chemical Corporation. Process for extracting and disposing of nitrophenolic by-products.

The 14th September, 1989

683/Mas/89. Simmonds Precision Products, Inc. Hermetically sealing housing assemblies.

The 15th September, 1989

684/Mas/89. Sundaram-Clayton Limited. Panel mounted brake equipment for diesel electric and electric locomotives.

685/Mas/89. Dispak Pty. Ltd. Pressure supply unit. (October 7, 1988; Australia).

686/Mas/89. Engineered Controls International, Inc.

687/Mas/89. Polynorm N.V. Door.

688/Mas/89. Minnesota Mining and Manufacturing Company. Spoked wheel reflector employing encapsulated retroreflective tubing.

689/Mas/89. Lieisonc Electroniques-Mecaniques Lem S.A. Electric current sensing device.

690/Mas/89. Asea Brown Boveri Ltd. Method for producing a GTO Thyristor.

ALTERATION

165513 (89/Del/86)	Anti-dated January 18, 1984.
165520 (117/Del/86)	Anti-dated to February 02, 1984.

OPPOSITION PROCEEDINGS

The opposition entered by National Research Development Corporation of India to the grant of a Patent on application No. 158321 made by Permelec Electrode Ltd. as notified in the Gazette of India Part III, Section 2 dated the 11th April, 1987 has been dismissed and it is ordered that the application will proceed to sealing in the prescribed manner.

PATENT SEALED

162235 163904 163905 163906 163907 164006 164054
164076 164080 164086 164111 164128 164129 164183
164191 164193 164198 164204 164263 164277 164285
164318 164340 164342 164371 164372 164390 164396
164397 164399.

CAL — 8
MAS — 13
DEL — 9
BOM — NIL.

AMENDMENT PROCEEDINGS UNDER SECTION 57

The amendments proposed by Thos. Ward (Railway Engineering) Limited in respect of Patent No. 161934 as advertised in part III Section 2 of the Gazette of India, dated the 10th September 1988 has been allowed.

RENEWAL FEES PAID

145256 145553 146105 146370 146591 146725 146940
147255 147485 147551 147754 147897 148893 149028
149188 149198 149421 149619 149664 149856 150111
150542 150543 150622 150623 150993 151121 151167
151307 151372 151443 151449 151687 151767 151787
151958 152336 152362 152725 152803 153040 153612
154055 154124 154225 154260 154261 154537 154612
154614 154615 154802 154867 154868 154869 155053
155168 155398 155403 155491 155571 155626 155694
155828 156008 156021 156092 156202 156382 156445
156522 156523 156645 156699 156700 156768 156930
156963 156973 157117 157118 157215 157449 157530
157531 157811 157817 157830 157835 157837 157873
157895 158008 158198 158421 158500 159109 159330
159583 159631 159723 159725 159889 159953 160057
160115 160700 160965 160966 161044 161115 161228
161229 161253 161473 161477 161551 161774 161836
161899 161943 162105 162124 162190 162191 162261
162388 162702 162703 162793 162797 162818 162844
162848 163077 163519 163710 163805 163887 163964
163968 164012 164045 164046 164060 164084 164088
164089 164096 164114 164138 164139 164161 164251
164255 164260 164301.

Name Indexes of Applicants for Patents for the month of November, 1988 (Nos. 910/Cal/88 to 987/Cal/88, 303/Bom/88 to 327/Bom/88, 761/Mas/88 to 858/Mas/88 and 939/Del/88 to 1049/Del/88)

Name and Appln. No.

A

ABB STAL AB.—986/Del/88.

A H Robins Co.—819/Mas/88.

Abex Corporation.—773/Mas/88.

Additional Secretary.—1042/Del/88.

Ahmed, N.—1029/Del/88.

Akebono Brake Industry Co. Ltd.—798/Mas/88.

Akzo NV.—844/Mas/88.

Alcan International Limited.—946/Del/88, 990/Del/88.

Alexandrou, A.P.—939/Cal/88.

Alsthom.—996/Del/88.

American Sterilizer Company.—979/Cal/88.

American Telephone & Telegraph Co.—805/Mas/88, 860/Mas/88.

Amsted Industries Incorporated.—842/Mas/88.

Anderson Strathclyde PLC.—1010/Del/88.

Atlas Powder Co.—1003/Del/88, 1006/Del/88.

B

BBC Brown Boveri AG.—830/Mas/88.

BICC Plc.—826/Mas/88, 827/Mas/88, 828/Mas/88.

BP Chemicals Ltd.—1012/Mas/88.

Baban, T.N.—309/Bom/88.

Babcock & Wilcox Company, The.—974/Cal/88, 975/Cal/88.

Beloit Corporation.—919/Cal/88, 924/Cal/88, 938/Del/88.

Bio Serae Laboratories Sarl.—1005/Del/88.

Bisarya, S. C.—1017/Del/88.

Blount, Inc.—980/Cal/88.

Blower Engineering Inc.—917/Cal/88.

Name and Appln. No.

B—Contd.

Bollmann Hydraulik Gmbh.—983/Cal/88.

Brissonneau & Lotz Marine.—1034/Del/88.

Busto, S.O.—918/Cal/88.

C

Canziani Francesco.—923/Cal/88.

Ceda SpA Construioni Elettromeccanicho E Dispositive D' Automazione.—940/Cal/88.

Central Council for Research in Ayurveda and Siddha.—1043/Del/88.

Chiron Corporation.—960/Cal/88.

Choudhary, S.—1008/Del/88.

Ciba-Geigy AG.—837/Mas/88.

Class OHG.—775/Mas/88.

Coffey, M.—976/Cal/88, 977/Cal/88.

Cohen, A.L.—784/Mas/88, 785/Mas/88, 786/Mas/88, 787/Mas/88.

Colgate-Palmolive Co.—956/Del/88, 1023/Del/88.

Collins, M.—1037/Del/88.

Compagnie Generale Des Etablissements Richelin-Michelin & CIE.—821/Mas/88, 855/Mas/88.

Copeland Corporation.—932/Cal/88, 959/Cal/88.

Corning Glass Works.—795/Mas/88.

Corning Limited.—826/Mas/88, 827/Mas/88, 828/Mas/88.

Council of Scientific & Industrial Research.—941/Del/88, 942/Del/88, 943/Del/88, 952/Del/88, 953/Del/88, 954/Del/88, 957/Del/88, 958/Del/88, 959/Del/88, 960/Del/88, 961/88, 962/Del/88, 963/Del/88, 964/Del/88, 965/Del/88, 966/Del/88, 967/Del/88, 968/Del/88, 976/Del/88, 982/Del/88, 983/Del/88, 984/Del/88, 1000/Del/88, 1038/Del/88, 1039/Del/88, 1040/Del/88.

D

DSC Communication Corporation.—978/Del/88.

Dana Corporation.—772/Mas/88, 815/Mas/88.

Danieli & C. officine Meccaniche SpA.—940/Cal/88.

Dansk Termo Industrie A/S.—776/Mas/88.

Davy McKee (London) Ltd.—853/Mas/88.

Dey, B. C.—941/Cal/88.

Diamalt Aktiengesellschaft.—942/Cal/88.

Diamantopoulos, C.A.—939/Cal/88.

Diana Equipments Pvt. Ltd.—326/Bom/88.

E

E. I. Du Pont De Nemours & Co.—911/Cal/88, 912/Cal/88, 913/Cal/88, 914/Cal/88, 937/Cal/88, 943/Cal/88.

Eaton Corporation.—915/Cal/88, 950/Cal/88.

Emitec Gesellschaft Fur Emissionstechnologie MBH.—921/Cal/88, 926/Cal/88, 971/Cal/88.

Ethicon, Inc.—920/Cal/88.

Exicom Australia Pty. Ltd.—1004/Del/88.

Exxon Chemical Patents, Inc.—944/Del/88, 979/Del/88, 980/Del/88, 997/Del/88, 1014/Del/88, 1035/Del/88.

Exxon Research & Engineering Co.—987/Del/88.

Name and Appln. No.

F

Fellows Corporation.—838/Mas/88.

Filial Vsesojuznogo Elektrotekhnicheskogo Instituta Imeni V.I. Lenina.—981/Cal/88.

Flinchbough, D.E.—318/Bom/88.

Francis, D.E.—803/Mas/88.

Franz Plasser Bahnbaumaschinen-Industriegesellschaft m.b.-H.,—935/Cal/88.

Fried Krupp Gesellschaft Mit Beschrankter Haftung.—951/Cal/88, 952/Cal/88.

Froid, D.—807/Mas/88.

G

Gea Luftkuhlergesellschaft Happel Gmbh & C Company.—949/Cal/88.

GEC Plessey Tele-communications Ltd.—816/Mas/88, 817/Mas/88.

Gandhi, B. R.—307/Bom/88.

General Electric C.—933/Cal/88, 948/Cal/88.

Gersen Establishment.—810/Mas/88.

Gillette Co. The.—939/Del/88.

Glaverbel.—988/Del/88.

Glaxo Group Ltd.—1016/Del/88.

Godbole, P. D.—327/Bom/88.

Gogate, S.A.—303/Bom/88.

Goodyear Tire & Rubber Co. The.—1013/Del/88.

Goro S.A.—1049/Del/88.

Govindarajulu, A. G. N.—852/Mas/88.

Guigan, J.—995/Del/88.

Gustav Memminger.—945/Cal/88.

H

Habib, N.A.—812/Mas/88.

Hardy Research Laboratories, Inc.—945/Del/88.

Hartai, J.—820/Mas/88.

Heinz Schoff OHG Nahrungsmittel-Extrusionstechnik.—1007/Del/88.

Hindustan Lever Ltd.—311/Bom/88.

Hitachi Ltd.—936/Cal/88.

Hoechst Aktiengesellschaft.—790/Mas/88, 925/Cal/88, 953/Cal/88, 954/Cal/88, 955/Cal/88, 967/Cal/88, 968/Cal/88, 978/Cal/88.

Hoerbiger Ventilwerke Aktiengesellschaft.—922/Cal/88.

Hoogovens Groep B V.—782/Mas/88, 845/Mas/88

I

ICL Americas Inc.—800/Mas/88, 802/Mas/88.

IDL Chemicals Ltd.—769/Mas/88.

IRECO Incorporated.—801/Mas/88.

Impact Technology Limited.—811/Mas/88.

Imperial Chemical Industries, PLC.—994/Del/88, 1028/Del/88, 1031/Del/88.

Inco Alloys International, Inc.—825/Mas/88.

Indian Space Research Organisation.—854/Mas/88.

Inland Steel Co.—831/Mas/88.

Institut Bioorganicheskoi Khimii Akademii Nauk Uzbexkoi SSR.—956/Cal/88.

Interface Research Corporation.—961/Cal/88.

International Tele-systems, Inc.—991/Del/88.

Ior-Pcf Technologie Solari S.R.L.—951/Del/88.

Name and Appln. No.

J

JS Telecommunications.—972/Del/88.

Jagson Pal Pharmaceuticals Ltd.—1036/Del/88.

Jeswal, R. S. Mr.—312/Bom/88.

Jindal, D.P.—1041/Del/88.

Joshi, N. R.—315/Bom/88.

K

Kabir, S.A. Dr.—818/Mas/88.

L

Lanxide Corporation.—985/Mas/88.

Lenzing Aktiengesellschaft.—963/Cal/88.

Lone Star Industries, Inc.—1046/Del/88.

Lubrizol Corporation, The.—970/Del/88, 973/Del/88, 1032/Del/88.

Lucky, Limited.—984/Cal/88.

Lummus Crost Inc.—944/Cal/88.

M

Magyar Tudomanyos Akademia Termeszetudomanyi Kutato Laboratoriumai.—931/Cal/88.

Manirao, S.J.—840/Mas/88.

Kargandinsky Politkhnichesky Institut.—982/Cal/88, 987/Cal/88.

Marwin Cutting Tools Limited.—940/Del/88.

Maschinenfabrik Rieter AG.—791/Mas/88, 792/Mas/88, 793/Mas/88, 794/Mas/88, 836/Mas/88, 848/Mas/88, 858/Mas/88.

Mathew, V.V.—770/Mas/88.

Megapulse Incorporated.—949/Del/88.

Megaward International Pty. Ltd.—973/Cal/88.

Megill, S.R.—841/Mas/88.

Metacon AG.—808/Mas/88.

Michael Collins.—1037/Del/88.

Michio SUDO.—834/Mas/88.

Microtek Lab, Inc.—1021/Del/88, 1022/Del/88.

Minnesota Mining & Manufacturing Co.—777/Mas/88, 778/Mas/88, 832/Mas/88, 833/Mas/88, 843/Mas/88.

Misra, A.K. Dr.—947/Cal/88.

Mistry, M. C.—977/Del/88.

Modern Balance Works.—1044/Del/88.

Morgan Construction Co.—993/Del/88, 1009/Del/88.

Mukherji, K.—322/Bom/88.

Murali, J.—779/Mas/88, 780/Mas/88.

N

National Council for Cement & Building Materials.—998/Del/88.

National Institute of Immunology.—985/Del/88.

Norsk Hydro A.S.—971/Del/88.

Nippon Shokubai Kagaku Kogyo Company, Ltd.—927/Cal/88.

Norsk Hydro A.S.—971/Del/88.

Novatech Energy Systems, Inc.—768/Mas/88.

Novo Industri A/S.—1001/Del/88.

Nuova Samim S.P.A.—804/Mas/88.

Name and Appln No.

O

Olovson, Gudmar.—822/Mas/88.

Orissa Cement Ltd.—964/Cal/88, 965/Cal/88.

P

Polysar Ltd.—783/Mas/88.

Portals Ltd.—974/Del/88.

Prazisions-Werkzeuge Ag.—934/Cal/88.

Procter & Gamble Co. The.—1001/Del/88.

Polyhydron, M/C.—313/Bom/88, 314/Bom/88.

Q

Qidwai, M. S.—1030/Del/88.

R

Raffaele Lepiccirella.—761/Mas/88, 762/Mas/88.

Ramamoorty, M. Dr.—797/Mas/88, 813/Mas/88.

Ranay, D. D.—304/Bom/88.

Ratnaparkhi, P. K. Mr.—308/Bom/88.

Rhone-Poulenc Chimie.—764/Mas/88, 765/Mas/88.

Rifox Engineering (India) Pvt. Ltd.—325/Bom/88.

Rohm & Hass Co.—1002/Del/88, 1011/Del/88.

Ryan Investments B.V.—763/Mas/88.

S

Saha, G.—910/Cal/88.

Samidha Charitable Trust.—323/Bom/88, 324/Bom/88.

Schlumberger Industries.—857/Mas/88.

Schlumberger Industries, Inc.—1025/Del/88.

Schubert & Salzer Maschinenfabrik.—766/Mas/88, 767/Mas/88, 849/Mas/88, 850/Mas/88, 851/Mas/88.

Scienscope International N.V.—950/Del/88.

Secretary of State for Defence in her Britannic Majesty's Government of the United Kingdom of Great Britain & Northern Ireland.—989/Del/88.

Shah, Z.—316/Bom/88, 317/Bom/88.

Shell Internationale Research Maatschappij B. V.—829/Mas/88, 969/Del/88.

Shah Oil Company.—975/Del/88, 1015/Del/88, 1027/Del/88.

Shields Instruments Limited.—928/Cal/88.

Shridhar, Mr.—946/Cal/88.

Shri Ram Fibres Ltd.—1018/Del/88, 1019/Del/88.

Shriram Institute for Industrial Research.—999/Del/88.

Singhal, N. C. Wg. Cdr.—781/Mas/88.

Singhania, S. K.—962/Cal/88.

Singhania, V. K.—321/Bom/88.

Slack, N.—976/Cal/88, 977/Cal/88.

Smart House L.P. Communication & Energy Control System.—969/Cal/88.

Societe Des Electrodes & Refractaires Savoie (SERS).—814/Mas/88.

Solvay & Cie.—1047/Del/88.

Sonoco Products Co.—972/Cal/88.

Name	Appln. No.

S—Contd.

Spetsialnoi Konstruktorsko-Tekhnologiecheskoe Bjuro Po Izolyatoram I Armeture VPO "SOJUZELEKTROSETIZOLYATSIA".—1020/Del/88.

Stahl Chemical Industries B.V.—835/Mas/88.

Su Heung Capsule Co. Ltd.—970/Cal/88.

T

Takeda Chemical Industries, Ltd.—839/Mas/88.

Tank, M. P.—305/Bom/88.

Tapper, R.—847/Mas/88.

Tase, S.D. Mr.—310/Bom/88.

Thaikattil, J. Dr.—823/Mas/88.

Thapar Corporate Research & Development Centre.—992/Del/88.

U

Union Carbide Corporation.—771/Mas/88, 947/Del/88, 948/Del/88, 955/Del/88.

Union Rheinische Braunkohlen Kraft-stoff AG.—1048/Del/88.

Uniroyal Goodrich Tire Co.—1024/Del/88.

Unni, T. R.—774/Mas/88.

V

Varta Batterie Aktiengesellschaft.—799/Mas/88.

Venkatesh, K.H.—789/Mas/88.—

W

Westinghouse Electric Corporation.—916/Cal/88.

Y

Yadav, M.R.—1041/Del/88.

Z

Zimpro Passavant Inc.—856/Mas/88.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से 4 महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो के भीतर कभी भी नियंत्रक, एकस्व को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य; उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिएं।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतर-राष्ट्रीय वर्गीकरण के अनुरूप हैं।"

नीचे सूची गत विनिर्देशों की सीमित संख्यक में मुद्रित प्रतियां, भारत सरकार बुक डिपो, 8 किरण शंकर राय रोड, कलकत्ता में विक्रय हेतु यथा समय उपलब्ध होगी। प्रत्येक विनिर्देश का मूल्य 2/- रु. है। (यदि भारत के बाहर भेजे जाए तो अतिरिक्त डाक खर्च)। मुद्रित विनिर्देश की आपूर्त्ति हेतु मांग पत्र के साथ निम्नलिखित सूची में यथा प्रदर्शित विनिर्देशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों; के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्त्ति पेटेंट कार्यालय, कलकत्ता, द्वारा विहित लिप्यान्तरण प्रभार (उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गुणा करके (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु. है)] फोटो लिप्यान्तरण प्रभार का परिचलन किया जा सकता है।

Int. CLASS : G02B—5/20, 5/30, H01P—7/06 165491

METROLOGICAL APPARATUS USING POLARISATION MODULATION.

Applicant : RANK TAYLOR HOBSON LIMITED, OF 2 NEW STAR ROAD, LEICESTER LE4 7JQ, ENGLAND, A BRITISH COMPANY.

Inventor : KETTH DAVY FROOME.

Application No. 6/Bom/1987. Filed in 6 January, 1987.

Convention priority date 6th June, 1986 (UK/8600202).

Convention priority date 22nd February, 1986 (UK/8604427).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

Claim

Metrological apparatus using polarisation modulation comprising :

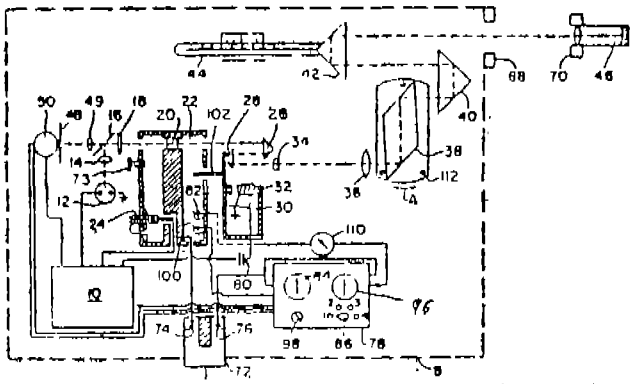
a support structure;

beam projecting means mounted on the support structure and arranged to project a beam of polarised radiation having components in first and second orthogonal directions such that the beam can be returned back along substantially the same path;

modulating means mounted on the support structure in the path of the projected and returned portions of the beam and operable to modulate a phase difference between said components in the projected portion of the beam and in the returned portion of the beam;

detecting means mounted on the support structure in the path of the returned portion of the beam after the modulation means and operable to detect the returned portion of the beam after modulation; and

phase shift means mounted on the support structure in the path of the projected and/or returned portions of the beam and arranged to introduce an adjustable unmodulated relative phase shift between the components of the beam.



Compl. specn. 30 page Drg. 4 sheets

Ind. CLASS : 50 B, 50 D 165492

Int. Cl. : F 25 B 21/02; HO I L—35/00.

THERMOELECTRIC WATER COOLER.

Applicant : PRAKASH KRISHNA, RATNAPARKHI, "ELECTRA HOUSE : 691/1A, PUNE-SATARA ROAD, PUNE-411 037, MAHARASHTRA, INDIA.

Application No. 21/Bom/87 filed January 27, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents ules, 1972) Patent Office, Bombay Branch.

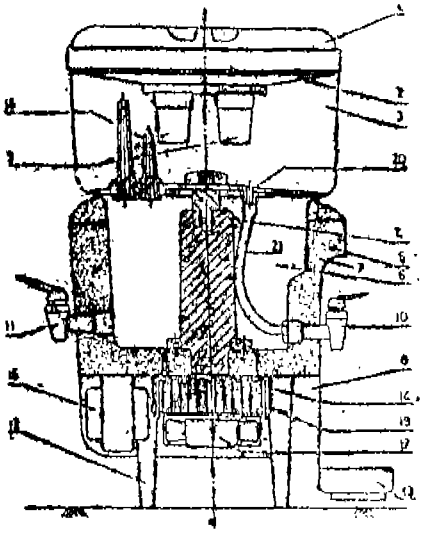
9 Claims

A thermoelectric water cooler comprising :

a plain water chamber resting over and above a cold water chamber;

said plain water chamber consisting a, or a set of water filters filterig water received from the water supply source and outlets supplying continued supply of water into the said cold water chamber and a tap having connecting means; and

said cold water chamber consisting a projecting cooling rod in contact with the top surface of a thermoelectric device provided thereunder of which due to reverse peltier effect, the said surface in contact with the said projecting cooling rod becomes cold, thereby cooling the said cooling rod (4) and consequently the water in the cold water chamber and bottom surface of the thermoelectric device becomes hot which is dissipated to the atmosphere by a heat sink, and a tap for obtaining cold water from the cold water chamber so cooled.



Compl. specn. 8 pages Drg. 1 sheet

Provisional specn. 2 pages Drg. Nil

Int. CLASS : A63G—31/00 165493

A DEVICE FOR AMUSEMENT.

Applicant & Inventor : JAYANT RAMCHANDRA KARANDIKAR, 1073, SADASHIV PETH, NEAR SHANIPAR, PUNE-411 030, MAHARASHTRA STATE, INDIA.

Application No. 23/Bom/1987 filed on 28 January, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

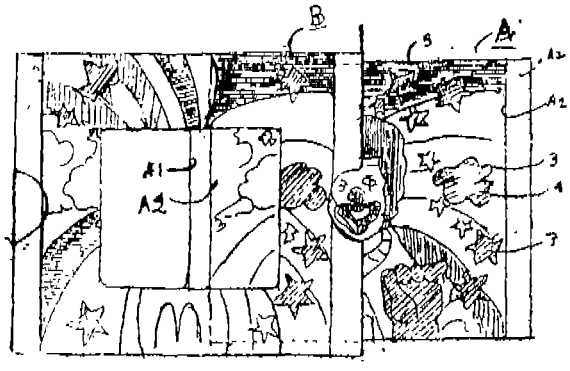
1 Claim

A device for amusement comprising :

two components one of the said two components consisting of two laminated layers first one being transparent and provided with line configuration of any pictorial representation such as animal, bird, plants and the second layer is opaque and hingedly connected to the first layer and provided with the same configuration as that of the said first layer but having different colours;

the said second component consisting of partitioned envelope open at both ends, the upper surface of the said envelope is provided with a window, while the lower layer provides a support for the said device, the said partition is hinged along the length of the envelope on the lower edge, the upper edge of the said partition remains a little space apart from the top edge of the said envelope to facilitate sliding of the said first component inside the said second component in such a way that transparent layer of the said first component remains under the top surface of the said envelope having the said window

and the said opaque layer of the first component remains behind the said partition.



Compl. specn. 5 pages Drg. 3 sheets

being operable to very the impedance presented by the constriction in response to the variation in the pressure differential across the diaphragm;

the downstream face of the diaphragm cooperating in use with the seat, one of the face and the seat being recessed such that a seal line is formed between the downstream face of the diaphragm and the seat adjacent the peripheral surface portion and wherein the diaphragm is deformable under sufficient pressure differential into conformal contact between the face and the seat, such that in use to dispense a product from a container having a finite resource of pressurising gas the tendency for the flow rate to decrease with depletion of the gas pressure it at least partially compensated by a tendency for the flow rate to increase due to decreased impedance of the flow regulator.

Compl. specn. 28 pages Drg. 10 sheets

Int. CLASS : B 67 D—5/00, 5/34, 1/04 165494

IMPROVEMENTS IN OR RELATING TO DISPENSING APPARATUS FOR A GAS PRESSURISED DISPENSING CONTAINER.

Applicant : BESPAK PLC OF BERGEN WAY, NORTH LYNN INDUSTRIAL ESTATE, KINGS LYNN, NORFOLK PE30 2JJ, ENGLAND, A BRITISH COMPANY.

Inventor : BRACE.

Application No. 40/Bom/1987 filed on February 10, 1987.

U.K. Convention Priority date 11-2-1986 & 26-9-1986.

Appropriate office for opposition proceedings (Rule 4, Patents ules, 1972) Patent Office, Bombay Branch.

18 Claims

An improved dispensing apparatus for a gas pressurised dispensing container comprising :

a valve, a valve actuator and a flow regulator wherein the flow regulator comprises a housing having an inlet and an outlet, a seat in the housing surrounding the outlet, compensation means for decreasing the impedance of the flow regulator in response to decreases in the gas pressure in the container;

the compensation means including a diaphragm located within the housing and having at least a downstream face;

a peripheral surface portion extending upstream from the downstream face and an aperture defining a flow path, which aperture forms a constriction presenting an impedance to the flow through the regulator;

the housing having interior walls which are spaced from the diaphragm in directions which are axial and radial with respect to the flow path so as to provide a loose fit of the diaphragm in the housing;

the diaphragm being resiliently deformable to change the geometry of the aperture to an extent which is dependent on the pressure differential across the diaphragm, the change in geometry of the aperture

Int. CLASS : E 05 B—25/00, 63/00 165495

AN IMPROVED LOCK.

Applicant : UNIVERSAL LUGGAGE MANUFACTURING COMPANY LIMITED, AN INDIAN COMPANY, OF SHAH INDUSTRIAL ESTATE, BUILDING 'B', SAKI VIHAR ROAD, BOMBAY 400 072, MAHARASHTRA, INDIA.

Inventor : NAVZER IRANI.

Application 64/Bom/1987 filed on 9th March, 1987.

Complete after Provisional left on 21st April, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

2 Claims

An improved lock comprising :

a lock body consisting of a front cover and an undercarriage;

a tumbler lock mechanism provided in the said lock body, capable of operating with a key to be inserted into a slot at one end of a cylindrical piece of the said tumbler lock mechanism to rotate it in an arcuate direction;

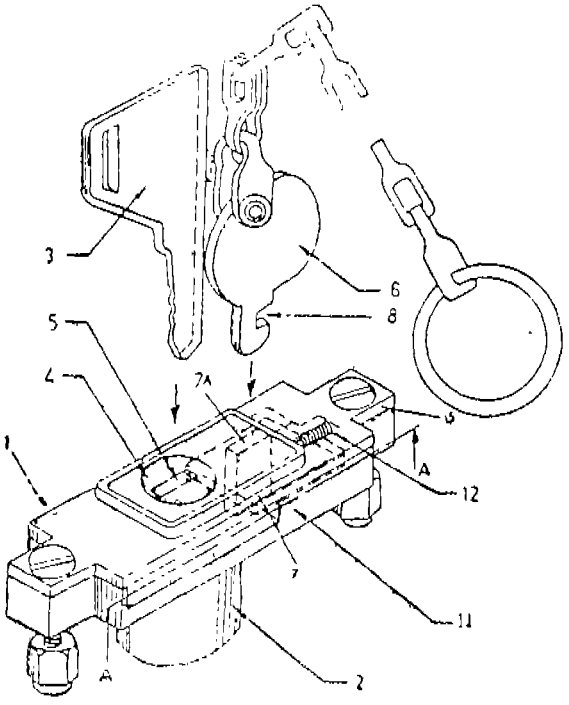
said cylindrical piece of the tumbler lock mechanism having a flange located between the said front cover and the undercarriage;

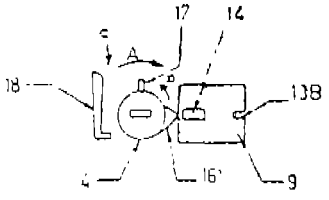
an auxiliary slot at one side and adjacent to the said cylindrical piece of the tumbler lock mechanism in the said lock body, in which an auxiliary lock hook having a notch can be inserted;

characterized in that the said cylindrical piece of the tumbler lock mechanism is provided with a cam;

a spring loaded locking plate having a slot corresponding to the said auxiliary slot, sidably provided between the raised guides on the said undercarriage of the lock body; and

the end of the said auxiliary lock hook having notch is chamfered.





Provisional specification 3 pages — Drg. Nil
Complete Specification 10 pages — Drg. 3 sheets

Int. CLASS : F 16 D—3/84 165496

A BOOT FOR A MECHANICAL STRUCTURES.

Applicants & Inventors : DEL VICTOR TIEGS OF 15878 E. WIND CIRCLE SUNRISE, FLORIDA 33326, U.S.A. and RANDY GENE TIEGS, 20631 N.W. MIAMI COURT, MIAMI, FLORIDA 33169, U.S.A., BOTH U.S. CITIZENS.

Application No. 93/Bom/87 filed March 20, 1987.

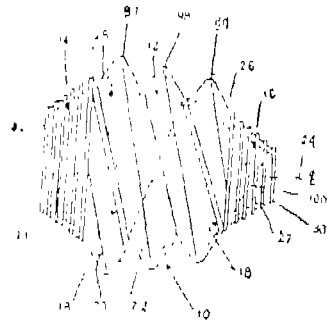
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims

A boot (10) for a mechanical structure, such as a universal or constant velocity joint or the like comprising :

a main body portion (12) of corrugated cross section so that when assembled a hollow central body is formed with a corrugated configuration and two end portions (14, 16) adapted to be wrapped about the mechanical structure and having sizing ridges (27, 29) to provide guides for accurate trimming of the boot ends to match the size of the parts of the mechanical structure to be covered;

the longitudinal edges of the main body portion having similarly shaped complementary projecting and recessed formations (17, 44), the recessed formation at one edge being in the form of a substantially cylindrical groove (17) and the projecting formation on the other edge including a cylindrical bulbous formation (44).



Compl. specn. 10 pages — Drg. 2 sheets

Int. CLASS : E 05 B-37/00, 37/16 165497

A LOCKING DEVICE FOR CONTAINERS.

Applicant & Inventor : KERSI HORMUSJI KADUDWALLA, INDIAN NATIONAL, OF A/13, MAZDOCK APARTMENTS, SEVEN BANGLOW, ANDHERI (WEST) BOMBAY-400 061, MAHARASHTRA, INDIA.

Application No. 105/Bom/87 filed on March 25, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

3 Claims

A locking device comprising of :

a lock body and a hook engaging with the femal member in the lock body characterised in that th said lock body comprises of a spring loaded membea (female) engaging with the said hook;

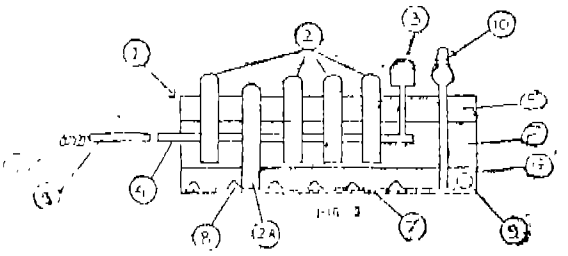
a plate with an external knob to slide the said plate horizontally pressing the said spring loaded member (female) and disengaging the hook;

the said sliding plate inter alia having a rectangular hollow portion at the centre and a number of projections projecting in the said rectangular hollow portion, the number of projections being equal to number of plungers used;

a set of two or more spring loaded vertically moving plungers each inter alia having a slot either in the upper half or around the centre and having the grooves which engages with a spring;

the said sliding plate moves only when slots of all the said plungers are in an allignment and the projections of the said plate freely move through the alligned slots of the said plungers, and further there is an additional plate at the base of the locking device moving horizontally, the said additional plate having vertical tapered projections, the number of vertical tapered projection being equal to the number of plungers and an externally operated lever

moving the said plated horizontally, its vertical tapered projections pushing up the pressed plungers.



Compl. specn. 13 pages Drg. 2 sheets

Ind. CLASS : 200 D [XLVII(4)] 165498

Int. Cl. : F 04 F—5/46.

AN IMPROVED JET PUMP.

Applicants : MANIBHAI DESAI (2) ANJANA DESAI, and (3) AKIN SHAH OF MAGIRSHA PRODUCTS, 'ASHUTOSH', OPP. POLO GROUND, VADODARA-390 001, GUJARAT, INDIA.

Application No. 122/Bom/1987 filed April 3, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims

An improved jet pump comprising :

a spherical body member having an annular space;

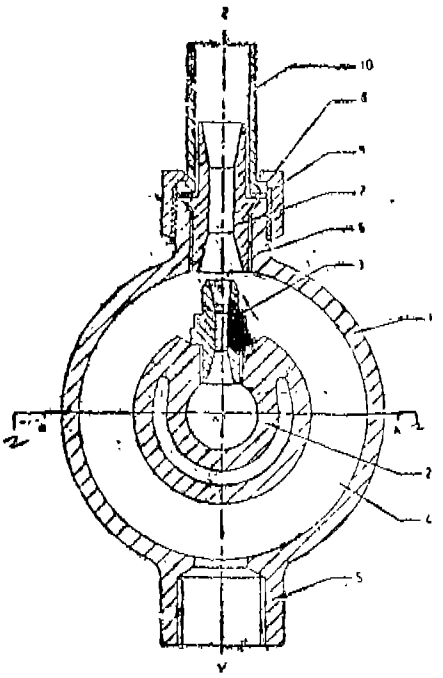
an inlet tube for steam, gas or pressurised water;

a suction pipe and a discharge pipe in contact with the said annular space;

a primary jet one end opening into the said inlet tube and the other end opening into the said annular space;

a secondary jet exactly above the said primary jet, one end opening into the said annular space and the other end opening into the interior of the said discharge pipe; and

the said primary jet and secondary jet both being venturis.



Compl. specn. 12 pages Drg. 4 sheets

Int. CLASS : F 16 S—1/10, B29D—23/22 B 29 C—63/08. 165499

METHOD OF PRODUCING REINFORCED RIBBED PLASTIC STRUCTURE AND IMPROVED STRUCTURE FORMED THEREBY.

Applicant : RIB LOC AUSTRALIA PTY. LTD., OF INNOVATION HOUSE, TECHNOLOGY PARK, THE LEVELS 5095, SOUTH AUSTRALIA, A COMPANY INCORPORATED UNDER THE LAWS OF THE STATE OF SOUTH AUSTRALIA, COMMONWEALTH OF AUSTRALIA.

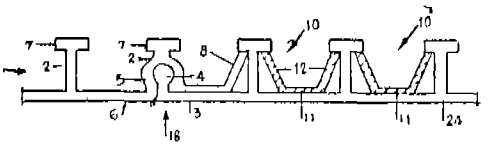
Application No. 213/Bom/1987 filed on July 3, 1987.

Convention application priority date 3-7-1986 & 6-4-1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

31 Claims

A method of reinforcing a structure formed by inter-engaging the edges of ribbed strip means (1) formed of a plastics material to form a helically wound tube or a panel, said strip means (1) comprising a plurality of ribs (2) spaced apart and upstanding from a base (24) characterised by engaging on the strip means (1) a reinforcing member (10), and locking the said reinforcing member (10) to the strip means.



Compl. specn. 22 pages Drg. 3 sheets

Ind. CLASS : 107 G & D [XLVI(2)] & 91 [XLIV(2)]. 165500

Int. Cl. : G 65 D—13/00; B 60 K—31/00.

AN IMPROVED ACCELERATION DEVICE FOR TWO AND/OR THREE WHEELER VEHICLES AND A TWO AND/OR THREE WHEELER VEHICLE INCORPORATING THE SAME.

Applicant & Inventor : KRISHNAKUMAR RAMESHWAR TRIVEDI OF RAMESHWAR MOTORCYCLE WORKSHOP, OPP. PATWARDHAN HIGH SCHOOL, SITABULDI, NAGPUR-440 012, MAHARASHTRA, INDIA.

Application No. 205/Bom/1988 filed on July 26, 1988.

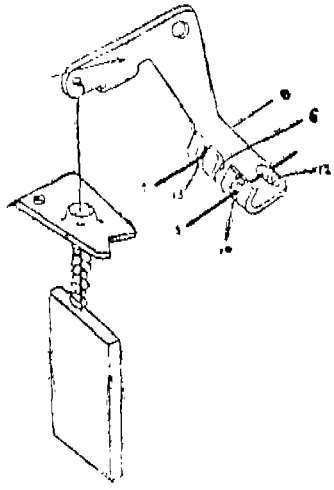
Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Bombay-13.

5 Claims

An improved acceleration device for two and/or three wheeler vehicles comprising of :

a main acceleration cable one end soldered to a solder terminal fitted to an acceleration disc mounted on acceleration rod connected to vehicle handle and the other end soldered to a solder terminal fitted to an improved carburetter piston rod/lever;

an auxiliary acceleration cable provided by the side of the said main acceleration cable, one end soldered to a solder terminal fitted to an auxiliary acceleration disc, mounted on the said acceleration rod connected to vehicle handle and the other end connected to the said improved carburetter piston rod/lever, the said improved carburetter piston rod/lever being provided with two slots side by side one for connecting the main acceleration cable and the other for connecting the auxiliary acceleration cable and the other for connecting the auxiliary acceleration cable at a desired gap, arrangement being such that when the acceleration rod is rotated the main acceleration cable pulls the carburetter piston rod and the auxiliary acceleration cable remains neutral and when main acceleration cable breaks the auxiliary acceleration cable instantly comes in action and pulls the carburetter piston rod/lever.



Compl. specn. 7 pages Drg. 2 sheets

Int. CLASS[4] : C 07 D 417/02, 417/10 165501

A PROCESS FOR PREPARATION OF 2-(N-SUBSTITUTED GUANIDINO)-4-HETEROARYLTHIAZOLES AND A PHARMACEUTICALLY ACCEPTABLE SALT.

Applicant : PFIZER INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 235 EAST 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.

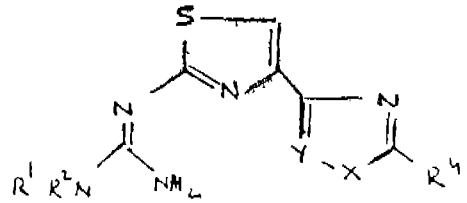
Inventor : LAWRENCE ALAN REITER.

Application for Patent No. 244/Del/85 filed on 22nd March, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

6 Claims

A process for preparation of a compound of the Formula I of the drawings



and a pharmaceutically acceptable acid addition salt thereof, wherein

Y is CH and X is S or NH

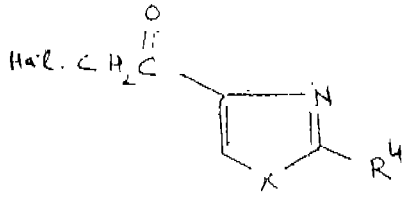
R^1 is a straight or branched chain (C_4-C_{10}) alkyl, $(R^3)_2$ C_6 H_3 or $(R^3)_2$ Ar $(CH_2)_n$ where n is an integer from 1 to 4, the R^3 groups are the same or different and are H, F, Cl, Br, I, CH_3, CH_3O, NO_2, NH_2, OH, CN, $COOR^5$ and R^5 is (C_1-C_3) alkyl; and Ar is the residue of a phenyl, naphthyl, furyl, thinyl, pyridyl, pyrimidinyl, thiazolyl, or imidazolyl group;

R^2 is H or (C_1-C_4) alkyl;

or when R^1 and R^2 are taken together with the nitrogen atom to which they are attached, they form pyrrolidino, piperidino, morpholine or 4-methylpiperazino; and

R^4 is H, (C_1-C_5) alkyl, NH_2 or CH_2 or CH_2OH; characterised in that :

a compound of the formula R^1R^2N $\overset{NH}{\overset{\|}{C}}NHC\overset{S}{\overset{\|}{N}}H_2$ is reacted with an equimolar amount of a compound of the formula II of the drawings



where R^1, R^2, R_4 are as defined above,

X is S or NH and Hal is Cl or Br, preferably Br;

in the presence of a reaction-inert organic solvent such as herein described at a temperature of from 20 to 120°C; and

preparing the pharmaceutically acceptable acid additive salts by any known method.

Uses : used as Drug. [Antisecretosy Agents useful for peptic ulcers]

Compl. specn. 55 pages Drg. 3 sheets

Int. CLASS[4] : F 41 C 11/00 165502

FIRING MECHANISM FOR A FIREARM.

Applicant & Inventor : NORMAN TREVOR BRINT, OF 4 THE COBBINS, WALTHAM ABBEY, ESSEX EN9 1LH, ENGLAND; A BRITISH SUBJECT.

Application for Patent No. 301/Del/85 filed on 10th April, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

9 Claims

A firing mechanism for a firearm which comprises :

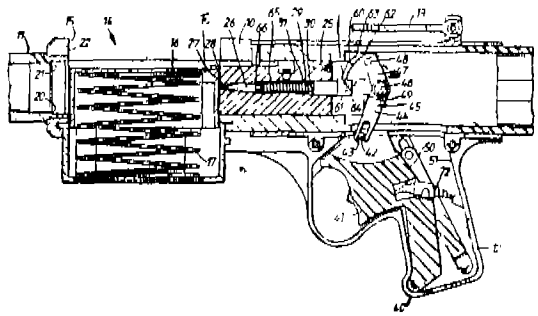
a body in which there is a cavity for a round of ammunition with a percussion detonating means in a rearward facing surface thereof, at least one transverse aperture for introduction of a round

into the cavity and ejection of the round therefrom;

a breech block rearward of the cavity and movable from a rest disposition to a firing disposition forward of the rest disposition to carry the front of the round forwardly into engagement with a seating at the forward end of the cavity;

a firing pin carried by the breech block with a forward end to impact with the detonating means for detonation and discharge of the round, and a trigger characterised by the fact that the firing mechanism includes control means movable from a rest disposition to a firing disposition by movement of the trigger;

the control means having a first controlling surface which contacts a first controlled surface on the breech block to urge the breech block from its rest disposition to its firing disposition and to lock the block in the firing disposition until the trigger moves out of its firing disposition, and a second controlling surface which contacts a second controlled surface on the firing pin during movement of the control means from its rest disposition to its firing disposition to restrain forward travel of the firing pin during said movement yet allow such forward travel of the firing pin, for actuation of the detonating means, once the breech block is locked in the firing disposition.



Compl. specn. 19 pages Drg. 1 sheet

Int. CLASS[1] : B 23 B 27/00 165503

A TOOL FOR MACHINING HOLES.

Applicant & Inventor : GENNADY YAKOVLEVICH POTEMKIN, OF OREKHOVY PROEZD, 19, KV. 19, MOSCOW, U.S.S.R., A CITIZEN OF U.S.S.R.

Application for Patent No. 302/Del/85 filed on 10th April, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

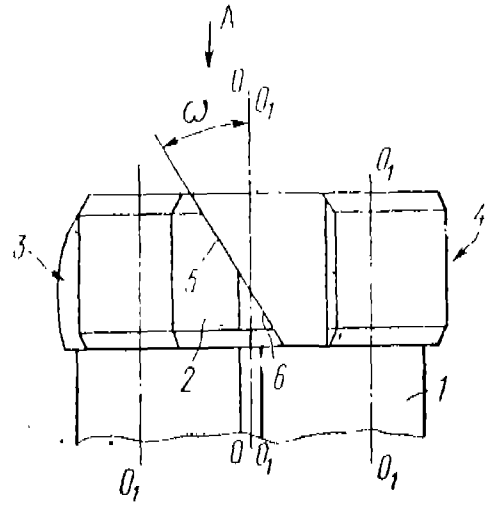
2 Claims

A cutting tool for machining holes which comprises :

a tool body having mounted therein a plurality of cuting members, each of said cutting members being constituted by a body of revolution, each member having provided in its periphery a groove defining for the member an inclined cutting edge and a trailing sizing edge;

said edges being conjugated to each other and generating a positive relief angle in the zone of the cutting edge;

characterised in that for a constant diameter of the cutting member the plane of the cutting edge subtends an angle of from 15° to 65° with respect to the ais of said member and said relief angle varies with respect to the angle of said cutting edge from a maximum value when said sizing edge is not in contact with the material of the hole being machined to zero when said sizing edge is in contact with the material of the hole.



Compl. specn. 8 pages Drg. 2 sheets

Int. CLASS[1] : E21B 15/02, 41/00 165504

MOBILE, OFFSHORE, JACK-UP, MARINE PLATFORM ADJUSTABLES FOR SLOPING SEA FLOOR.

Applicant : BETHLEHEM STEEL CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A., OF BETHLEHEM, STATE OF PENNSYLVANI, UNITED STATES OF AMERICA.

Inventor : JAMES EDWARD STEELE.

Application for Patent No. 443/Del/85 filed on 3rd June, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

15 Claims

A mobile, offshore, jack-up, marine platform adjustable for sloping sea floor comprising :

a mat;

a tiltable column having a plurality of hollow tubular legs;

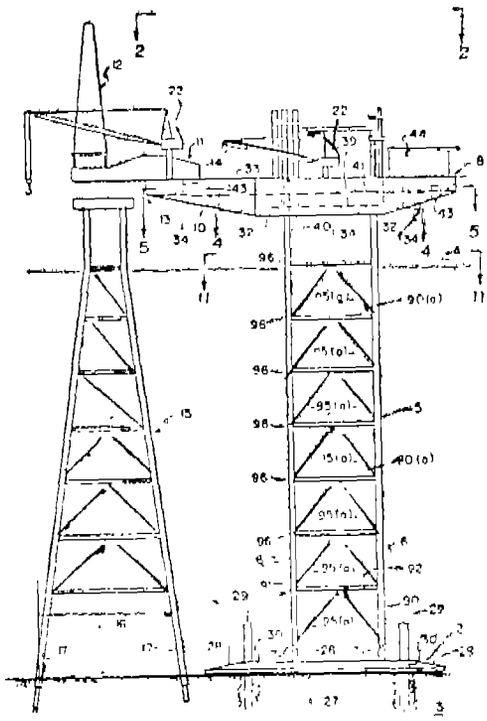
each leg bieng pivotally attached to the mat;

a jack-up work platform slidably mounted through its central portion on the column;

the work platform having a pair of parallel fixec cantilevered arms extending outwardly from the central portion and a hallastable portion opposite the cantilevered arms, a skid unit movably mounted on the cantilevered arms of the work platform; and

a jack-up means interconnected between the work platform with respect to the mat characterized in that means are provided in at least of the column legs for independently vertically raising and lower-

ing said leg with respect to the mat so as to tilt the column whereby the mat can rest on a sloping sea floor.



Compl. speen. 28 pages Drg. 7 sheets

Int. CLASS[1] : G03G 13/22 165505

APPARATUS FOR CURING TRANSFER COATING AND OTHER ELECTRON BEAM CURABLE MATERIAL.

Applicant : ENERGY SCIENCE INC., A CORPORATION DULY ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, HAVING A PRINCIPAL PLACE OF BUSINESS AT 8 GILL STREET, WOBURN, MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventors : SAMUEL VICTOR NABLO & EDWIN PRESCOTT TRIPP III.

Application for Patent No. 484/Del/85 filed on 19th June, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

4 Claims

Apparatus for curing transfer-coating and other electron-beam-curable material comprising :

a rotatable drum means for applying an electron-beam-curable material to the outersurface of said drum and means for directing electron radiation upon said surface of the drum from a location external to the drum to cure said electron-beam-curable material;

the material of the drum providing sufficient shielding to prevent appreciable radiation generated by the stopping of the electron-beam radiation in said electron-beam-curable material and the drum from passing through the drum to the side of the drum opposite to said location, and means for drawing a carrier film under uniform nip roll pressure over the external surface of the drum so that said material is cured through said film and forms a coating thereon, and a nip roll pressure feed means comprising a resilient roller adjacent the drum for exerting high nip pressure on said carrier film from an idler;

said roller being backed by a further roller to provide uniform nip pressure.

Compl. speen. 19 pages Drg. 3 sheets

Int. Cl.[1] : C23G 1/06, 1/08 165506

Title : "IMPROVEMENTS IN OR RELATING TO A PROCESS FOR THE PREPARATION OF AN INHIBITOR SUITABLE FOR BATCH AND CONTINUOUS PICKLING OF STEELS IN HYDROCHLORIC ACID SOLUTION",

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg. New Delhi-110001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventor(s) : INDER SINGH ; VISHWANATH ANANT ALTEKAR .

Application for Patent No. 567/Del/85 Filed on 18th July, 1985. Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972), Paten Office, Branch, New Delhi-5.

(Claims-- 11)

A process for the preparation of an inhibitor suitable for pickling of steels in hydrochloric acid at ambient temperature in batch and continuous lines comprising adding an amino represented by the general formula $C_{10-18}H_{10-25}N$ to an alcoholic compound represented by the general formula $C_{1-5}H_{4-20}O$ under constant stirring, adding to the product formed a complex amine represented by the general formula $C_{6-13}H_{11-23}N_{1-5}$ under continuedstirring.

Compl. Speen. 9 Pages.

Int. CLASS[1] : B65D 45/00, 51/00, B21D, 51/26. 165507

METHOD OF PRODUCING A CONTAINER.

Applicant : GALLAY S.A., A FRENCH COMPANY, OF 166 RUE DU FAUBOURG SAINT-HONORE, 75008 PARIS, FRANCE.

Inventor : LUCIEN FRANCOIS LE BRET.

Application for Patent No. 806/Del/85 filed on 3rd October, 1985.

10 Claims

A method of producing a container comprising :

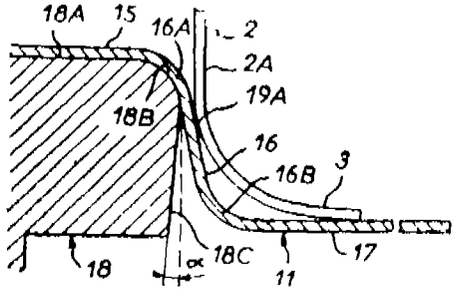
the steps of forming at least one end closure having a recessed transverse central portion;

a skirt axially and radially extending away from the central portion and a flange radially and outwardly extending from the skirt;

forming a container body having a sidewall and a flange radially outwardly extending from at least one end of the container body sidewall;

inserting the recessed transverse central portion into the one end of the container body sidewall until a connecting portion of the end closure between the central portion and the skirt portion is in driving engagement with the container body sidewall and the end closure is nested and centered with respect to the container body with their flanges in mutually overlying engagement;

rolling the flanges of the container body and the end closure over one another into a seam while driving the rolling flanges radially inwardly until part of the resulting seam lies radially inwardly of the nominal container body sidewall.



Compl. specn. 25 pages Drg. 3 sheets

Int. CLASS[4] : E03D 5/00 165508

A FLUSHING CISTERN.

Applicant & Inventor : INDIRA DEVI VERMA, W/o RAJENDRA KUMAR C/o SHRI MANIK CHAND JAI KISHAN, GOLD SMITH, P.O. SASNI, ALIGARH, UTTAR PRADESH, AN INDIAN NATIONAL.

Application for Patent No. 833/Del/85 filed on 9th October, 1985.

Complete specification left on 7th January, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

3 Claims

A flushing cistern comprising :

a tank for storing water;

an inlet in the tank for admitting water into the tank;

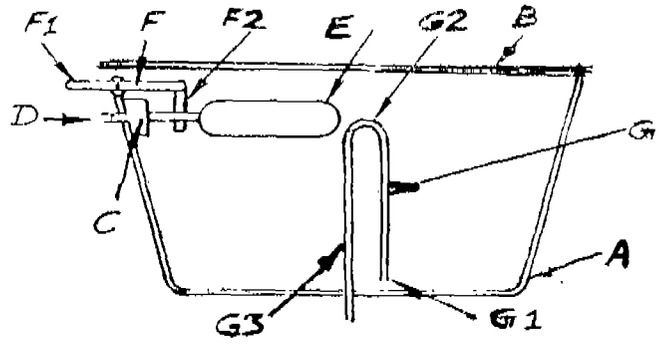
a float actuated valve in the inlet;

a syphon pipe bent to inverted U Shape having a short limp opening near the floor or base of the tank and a longer limb extending outwardly into a discharge pipe or forming a discharge pipe;

the float being arranged as to maintain the water level in the tank below the bend of the syphon tube characterized in that side float is adapted to be pressed into the water to thereby raise the water level above the band to effect discharge of water through the suphone pipe;

said tank optionally having a hollow body operable by a lever from outside the tank and one or more partition walls to restrict the free space inside said tank.

Provisional specn. 7 pages



Compl. specn. 15 pages Drg. 5 sheets

Int. CLASS[4] : C11D 1/00 165509

A FABRIC SOFTENING HEAVY DUTY LIQUID DETERGENT COMPOSITION.

Applicant : COLGATE-PALMOLIVE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, OF 300, PARK AVENUE, NEW YORK, NEW YORK 10022, UNITED STATES OF AMERICA.

Inventors : ADAM APINAN ROTHANAVIBHATA & RICHARD KEVIN PAYNE.

Application for Patent No. 1019/Del/85 filed on 3rd December, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

A fabric softening heavy duty liquid detergent composition of a density in the range of 1.15 to 1.35 g./ml. at room temperature, a pH in the range of 9.5 to 11, and a viscosity in the range of 1,000 to 5,000 centipoises, which does not increase to more than 6,000 centipoises, on 30 days quiescent storage at room temperature, which comprises 5 to 15% of water soluble synthetic organic detergent of the anionic sulfonated and/or sulfated type, 1.5 to 5% of alkali metal alkyl polyethoxy sulfate wherein the alkyl is of 10 to 16 carbon atoms and the polyethoxy is of 2 to 11 ethylene oxide groups, 5 to 25% of water solble builder salt, 5 to 20% of a swelling bentonite, 0.05 to 0.5% of a water soluble polyacrylate of molecular weight in the range of 1,000 to 5.000, and 40 to 75% of water.

Compl. specification 28 pages.

Int. CLASS[4] : C05C 5/02 165510

A PROCESS FOR THE PEPARATION OF NITRO-POTASSIC FERTILIZERS AND TECHNICAL GRADE POTASSIUM NITRATE FROM MIXED SALT.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventor(s) : VADAKKAI PUTHOOR MOHANDAS, (MRS) SHARDA JAYANTILAL GOHIL, JOVIAL MATHIAS JOSHI, JITENDRA RAMANLAL SANGHAVI & MOHAMMAD MIRZA TAQUI KHAN.

Application for Patent No. 1033/Del/85 filed on 6th December, 1985.

Complete specification left on 12th February, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

7 Claims

A process for the preparation of nitro potassic fertilizer and technical grade potassium nitrate from mixed salt comprises :

forming a double sulphate of potassium and calcium by mixing together mixed salt, gupsum and water;

filtering to separate the double salt formed reacting the double sulphate with calcium nitrate prepared by neutralising lime stone with nitric acid;

removing the precipitated gypsum by hot filteration;

concentrating the filtrate and hot filtering to remove sodium chloride and any residual gypsum;

cooling the filterate to yield nitro potassic fertilizer and if required, further purifying to technical grade by dissolving in its saturated solution.

Compl. specification 8 pages

Provisional specification 5 pages.

Int. CLASS[4] : D06F 75/24 165511

A FLAT IRON.

Applicant & Inventor : GOPI KRISHAN KABRA, AN INDIAN NATIONAL OF S-466, GREATER KAILASH, PART-I, NEW DELHI-110 048, INDIA.

Application for Patent No. 1039/Del/85 filed on 10th December, 1985.

Complete specification left on 12th January, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

7 Claims

A flat iron for pressing or ironing clothes comprising :

a flat metal base;

a housing disposed over the base;

a burner located within the housing;

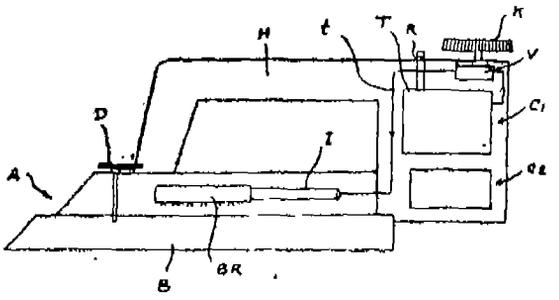
a handle made of a known heat insulating material;

said handle at its rear side having an upper chamber and a lower chamber;

said upper chamber housing a container or tank in it;

said container or tank provided in said chamber for storing liquified petroleum gas;

a valve connected between said tank and said burner for controlling supply of gas to the burner and means for regulating provided in the proimity of the burner for igniting the gas energing from the burner.



Provisional specification 5 pages.

Compl. specn. 7 pages Drg. 1 sheet

Int. CLASS[4] : D21C 11/00, 11/04 165512

A PROCESS FOR THE TREATMENT OF AN EFFLUENT TO PAPER MILLS.

Applicant : DEWAN KRAFT SYSTEMS PVT. LTD., AN INDIAN COMPANY OF N-127, GREATER KAILASH-I, NEW DELHI-110 048, INDIA.

Inventor : USHA DEWAN.

Application for Patent No. 1040/Del/85 filed on 10th December, 1985.

Complete specification left on 12th January, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

A process for the treatment of an effluent from a paper mill, based on agricultural residues to recover lignin free black liquor, which comprises in the steps of subjecting the effluent to a known step of digestion to form a digested black liquor containing sodium hydroxide characterised in that the digested liquor is then filtered by introducing into a press for causing separation of the pulp from the black liquor and for obtaining a black liquor in an undiluted form, said black liquor from the press is subjected to flotation by introducing into a flotation cell or cells for removal of lignin therefrom, the treated liquor containing sodium hydroxide being used in recycling.

Provisional specification 4 pages.

Complete specification 8 pages.

Int. CLASS[4] : C07C—4/06 165513

DEHYDROGENATION PROCESS FOR CONVERTING PARAFFINS TO OLEFINS.

Applicant : UOP INC., A CORPORATION ORGANISED IN THE STATE OF DELAWARE, WITH ITS PRINCIPAL PLACE OF BUSINESS AT TEN UOP PLAZA, ALGONQUIN & MT. PROSPECT ROADS, DES PLAINES, ILLINOIS 60016, U.S.A.

Inventor : TAMOTSU IMAI & CHI-WEN HUNG.

Application for Patent No. 89/Del/84 filed on 18th January, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

2 Claims

A dehydrogenation process for converting parafins to olefins which comprises :

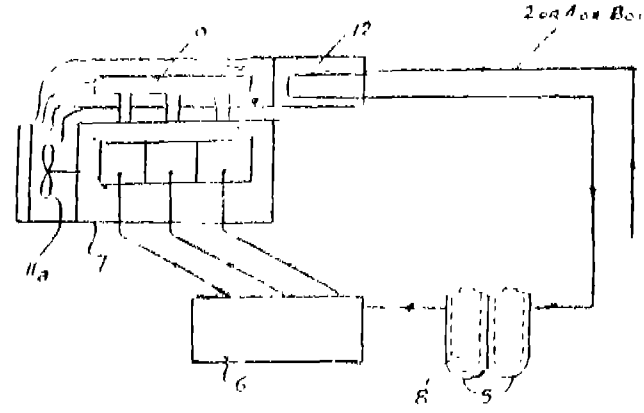
contacting paraffins at dehydrogenation conditions including a temperature from 400°C to 900°C, a pressure of from 0.01 to 10 atmospheres (1 to 100 KPa), and a paraffin feed liquid hourly space velocity (LHSV) of from 0.1 to 100 hr^{-1} in the presence of a catalyst comprising a platinum group component;

a Group IVA component;

an alkali or alkaline earth component, more than 0.2 st.%, calculated on an elemental basis, of a halogen component of the kind as herein defined and a porous carrier material as herein defined;

wherein the atomic ratio of the alkali or alkaline earth component to the platinum group component is more than 10.

Compl. specn. 30 pages Drg. 2 sheets



Compl. specn. 12 pages Drg. 2 sheets

Int. CLASS[4] : F23N 5/26; F02M 55/02 165514

AN IMPROVED FUEL FEED FOR USE WITH FUEL INTAKE SYSTEM OF A DIESEL ENGINE.

Applicant : PUNJAB TRACTORS LIMITED, OF PHASE IV, SAHIBZADA AJIT SINGH NAGAR, DISTT. ROPAR-160 051, INDIA, AN INDIAN COMPANY.

Inventor : CHANDRA MOHAN.

Application for Patent No. 113/Del/86 filed on 6th February, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

3 Claims

An improved fuel feed for use in the fuel intake system of a diesel engine comprising :

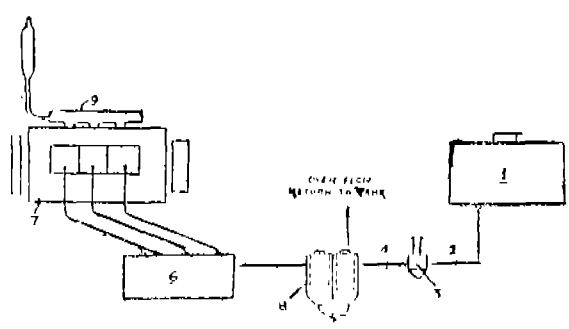
a first pipe connected between a fuel tank and pump of the fuel intake system;

a second pipe connected between the said pump and the fuel filters;

said engine having an exhaust manifold and a radiator fan or blower characterized in that a duct encloses the exhaust manifold and is in a flow communication with the radiator fan or blower;

the chamber secure to said duct;

said first and/or second pipe being heated by said chamber by securing said pipe in surface contact to said chamber.



Int. CLASS[4] : F24B 13/00 165515

LOW POWER GAS GENERATOR INTENDED FOR USE WITH COCONUT WASTE OR HEVEA WOOD.

Applicant : I2T-SOCIETE IVOIRIENNE DE TECHNOLOGIE TROPICALE, OF B.P. 1137-ABIDJAN 04-IVORY COAST, A COMPANY ORGANISED UNDER LAWS OF THE REPUBLIC OF IVORY COAST.

Inventor(s) : KONE DOSSONGUI & RENE COFFI.

Application for Patent No. 132/Del/86 filed on 19th February, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

15 Claims

A low-power gas generator, intended for use with coconut waste or Hevea wood, and which comprises and upper cylindrical combustion chamber having an inlet for the fuel, and a lower cylindrical ash box having an outlet for discharge of the ash characterised in that :

said combustion chamber (5) is surrounded by a cylindrical casing (1, 1B);

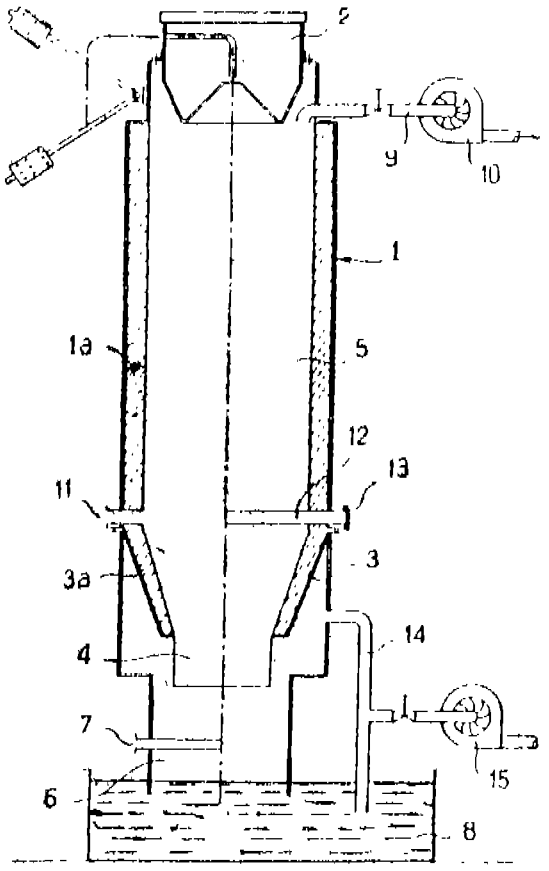
means (9, 10) for evacuating gas and water vapour from said combustion chamber being located in the upper region of said combustion chamber;

said ash box (6) is provided with a lateral air intake (7) which terminates in the vicinity of the axis of the ash box;

said ash box (6) is provided at its bottom with a hydraulic seal (B);

the generator comprises a transitional portion located between said combustion chamber (5) and the ash box (6);

said transitional portion is surrounded by an annular space forming a gas extraction zone (17); and means (14, 15) are provided for drawing off gas from said annular space.



Compl. specn. 10 pages Drg. 2 sheets

Int. CLASS[4] : B 65 G 51/00, 53/00 165516

APPARATUS FOR CONVEYING PARTICULATE MATERIAL BY FLUID UNDER PRESSURE.

Applicant : FULLER COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, OF 2040 AVENUE "C" P.O. BOX 2040, BETHLEHEM, PENNSYLVANIA 18001, UNITED STATES OF AMERICA.

Inventors : PETER CHARLES LOHRMANN KERMIT DUANE PAUL.

Application for Patent No. 258/Del/86 filed on 20th March, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

8 Claims

Apparatus for conveying particulate material by fluid under pressure comprising :

a vessel having an inlet for material;

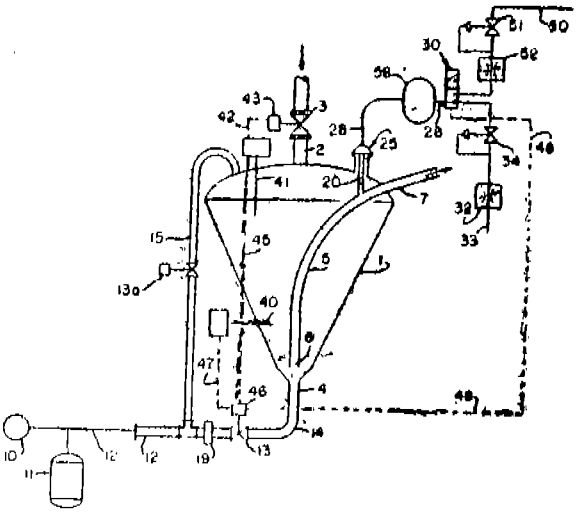
a material conveying conduit for discharging material from the vessel having a material inlet flow connected to the inside of the vessel;

means connected to the vessel for supplying gaseous fluid under pressure to the vessel for pressurizing the vessel and entraining material through the inlet of the conveying conduit and conveying it through the conduit:

a by-pass conduit flow connected at one end to the material conveying conduit downstream of the material inlet of said conveying conduit and at its other end to the inside of the vessel for selectively supplying fluid under pressure directly from the vessel to said conveying conduit downstream of the material inlet;

means for controlling the rate at which material is conveyed through the material conveying conduit including a by-pass valve operatively connected to said by-pass conduit for controlling the flow of fluid under pressure from said vessel through said by-pass conduit;

said by-pass valve means being responsive to the difference between system pressure and a predetermined pressure so that when the system pressure exceeds said predetermined pressure, said by Pan valve opens to supply fluid under pressure from the vessel through said by-pass conduit to the conveying conduit.



Compl. specn. 25 pages Drg. 4 sheets

Int. CLASS[4] : C23C 2/04 165517

A PROCESS FOR DEPOSITING A SUBSTANTIALLY AMORPHOUS MULTI-METALLIC ALLOY COATING ONTO A SUBSTRATE.

Applicant : THE STANDARD OIL COMPANY, AN OHIO CORPORATION, HAVING A PLACE OF BUSINESS OF PATENT & LICENSE DIVISION, 200 PUBLIC SQUARE, CLEVELAND, OHIO 44114-2375, UNITED STATES OF AMERICA.

Inventors : MICHAEL ALAN TENHOVER, RICHARD SCOTT HENDERSON & ROBERT KARL GRASSELLI.

Application for Patent No. 556/Del/86 filed on 25th June, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

7 Claims

A process for depositing a substantially amorphous multi-metallic alloy coating as herein described onto a substrate of the kind such as herein described which process comprises the steps of :

(a) selecting at least two precursor metal-bearing compounds that each contain one of the metals desired in said amorphous multi-metallic coating and which precursor compounds decompose at a temperature below the crystalization temperature of the amorphous multi-metallic coating to be formed;

(b) heating said substrate in a reaction vessel to a temperature of at least the decomposition temperature of said precursor compounds;

(c) volatilizing said precursor compounds;

(d) contacting the voltalized precursor compounds with the substrate in said reaction vessel so as to cause said substantially amorphous multi-metallic coating to be formed on said substrate.

Complete specification 18 pages.

Int. CLASS[4] : C 21 P 17/02 165518

PROCESS FOR PRODUCING A NOVEL AVERMENTIN COMPOUND.

Applicant : PFIZER CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE REPUBLIC OF PANAMA, OF CALLE 15½, AVENIDA SANTA ISABEL, COLON, REPUBLIC OF PANAMA.

Inventors : STEPHEN PAUL GIBSON, ALEXANDER CROSSAN GOUDIE, KELVIN SCOTT HOLDOM & JOHN DESMOND BU'LOCK.

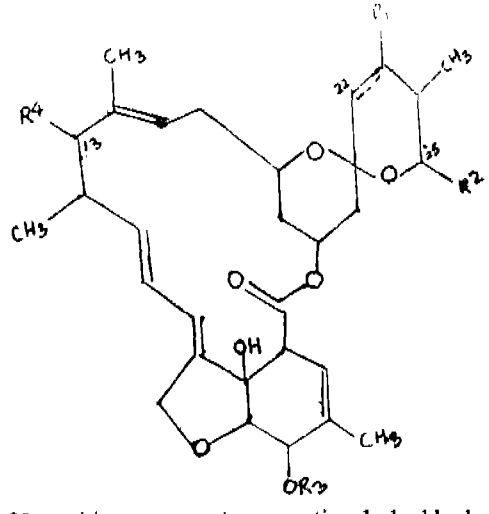
Application for Patent No. 651/Del/86 filed on 21st July, 1986.

Convention date July 27, 1985/8518999; August 9, 1985/8520069; April 24, 1986/8610063 and May 2, 1986/8610862 (U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

7 Claims

A process for producing an avermectin compound of the general formula I of the drawings wherein the broken line at

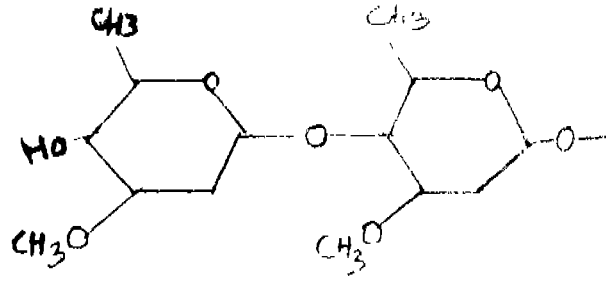


the 22-23 position represents an optional double bond with the proviso that if R^1 is H or OH, the double bond is absent, or, if the double bond is present then R^1 is absent;

R^2 is an alpha-branched C_3-C_8 alkyl, alkenyl, alkynyl, alkoxyalkyl or alkylthioalkyl group; a C_5-C_8 cycloalkylalkyl group wherein the alkyl group is an alpha-branched C_2-C_5 alkyl group; a C_3-C_8 cycloalkyl or C_5-C_8 cycloalkenyl group either of which may optionally be substituted by methylene or one or more C_1-C_4 lpalkyl groups or halo atoms; or a 3 to 6 membered oxygen or sulphur containing heterocyclic ring which may be saturated, or fully or partially unsaturated and which may optionally be substituted by one or more C_1-C_4 alkyl groups or halo atoms;

R^3 is hydrogen or methyl.

R^4 is H or a 4'-(alpha-L-oleandrosyl)-alpha-L-oleandrosyloxy group of the formula II of the drawings with the proviso



that when R^2 is alkyl it is not isopropyl or sec-butyl: and when R^4 is H, R1 is OH, and the double bond is absent, R^2 is not 2-buten-2-yl, 2-penten-2-yl or 4-methyl-2-penten-2-yl; which comprises fermenting in a conventional manner a strain of the organism Streptomyces avermitilis as herein described in the presence of a carboxylic acid of the formula R^2 CO_2H wherein R^2 is as previously defined, or a salt, ester or amide thereof or oxidative precursor therefor of the kind as herein described and isolating in any known manner the compound of formula (I).

Compl. specn. 25 pages Drg. 1 sheet

Drawing Sheet : 1

Int. CLASS[4] : F27D 23/00 165519

A STATIONARY PLATE STRUCTURE FOR USE IN A SLIDING GATE VALVE ASSEMBLY.

Applicant : USS ENGINEERS AND CONSULTANTS, INC., A CORPORATION OF THE STATE OF DELAWARE, U.S.A., DOING BUSINESS AT 600 GRANT STREET, PITTSBURGH, STATE OF PENNSYLVANIA, U.S.A.

Inventor : PATRICK DANA KING.

Application for Patent No. 799/Del/86 filed on 8th September, 1986.

Divisional to Application No. 257/Del/84 filed on March 23, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

10 Claims

A stationary plate structure for a sliding gate valve assembly for controlling the flow of molten metal from the pour opening of a vessel, said stationary plate structure being located in a vertically elongate frame assembly mounted on said vessel and adapted to be engaged in sliding pressure-sealed, face to face relation by an orificed refractory slide plate movably mounted in said frame, said stationary plate structure comprising an orificed metal casing having therein a body of refractory material said refractory body being provided with a flow passage therethrough in communication with the pour opening of said vessel and in alignment with the orifice in said metal casing, a refractory well nozzle concentrically disposed with respect to the orifice in said metal casing and extending oppositely from said body of refractory material, and means for attaching said well nozzle in fixed relation to said metal casing.

Compl. specn. 19 pages Drg. 6 sheets

Int. Class[4] : B28B 1/24. 165520

A PROCESS FOR THE INJECTION MOLDING OF SHAPED ARTICLES.

Applicant : WARNER-LAMBERT COMPANY, OF 201 TABOR ROAD, MORRIS PLAINS, N.J. 07950, U.S.A., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A.

Inventor(s) : FRITZ WITTWER & IVAN TOMKA.

Application for Patent No. 1117/Del/86 filed on 19th December, 1986. Divisional to document No. 160476/Original Application No. 100/Del/84 filed on 2nd February, 1984. Ante dated to 2nd February, 1984.

Appropriate office for opposition proceedings (Rule 4, Patent, Rules, 1972) Patent Office Branch, New Delhi-5.

Claim 3

A process for the injection molding of shaped articles made from a starch which has been modified by cross-linking or by chemical treatment as herein described and having a molecular mass range of 10,000 to 20,000,000 Dalton, amylose 0 to 100% and amylo-pectin 100 to 0% and an additive as herein described, said process comprises :

(a) plasticizing said starch with water and adding said additive, whereby the water content is in the range of 5 to 30% by weight (calculated to the weight of the sum of all the components) at a temperature of 80 to 240°C; injection molding said starch at a temperature of 80°—240°C and at a pressure from 600×15^6 to 3000×10^6 Newton/square meter into a cooled mold and

(b) ejecting the solid product from the mold.

(Comp. Specn. 35 pages Drawing sheets 8)

Int. Class[4] : H01L 21/00. 165521

LARGE AREA PHOTOVOLTAIC CELL AND METHOD OF MANUFACTURING THE SAME.

Applicant : ENERGY CONVERSION DEVICES, INC., A DELAWARE CORPORATION HAVING A PLACE OF BUSINESS AT 1675 WEST MAPLE ROAD, TROY, MICHIGAN, 48084, U.S.A.

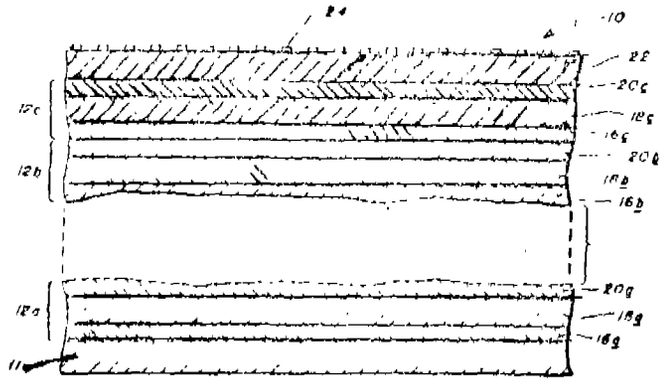
Inventors : MASATSUGU IZU and PREM NATH.

Application for Patent No. 737/Del/83 filed on 7th November, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

9 Claims

A large area photovoltaic cell comprising a matrix of electrically-isolated, small area segments, each said segment including (a) an electrically-conductive common substrate, (b) a semiconductor body atop the electrically-conductive substrate and (c) a transparent, electrically-conductive coating atop the semiconductor body, the improvement characterized by in combination; a pattern (24) of electrically-insulating material (23) atop said semiconductor body (12a-c), said pattern dividing said large area cell (10) into said matrix of small area segments (26), the thickness of said pattern of insulating material being substantially greater than the thickness of said transparent, electrically-conductive coating (22), such that said insulating material separates and electrically isolates said adjacent small area segments.



(Comp. Specn. 25 Pages Drg. 3 sheets)

Int. Class[4] : H 01 L 21/00 165522

AN APPARATUS FOR DEPOSITING A MATERIAL ONTO A SUBSTRATE.

Applicant : ENERGY CONVERSION DEVICES, INC, A Delaware corporation, having a place of business at 1675 West Maple Road, Troy, Michigan, 8084, U.S.A.

Inventors : EUGENE FOURNIER and JOACHIM DOEHLER.

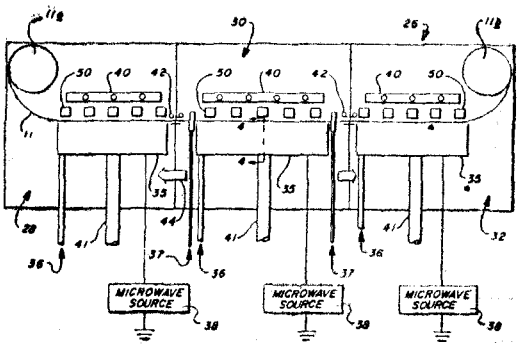
Application for Patent No. 738/Del/83 filed on 7th November, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

11 Claims

An apparatus for depositing a material onto a substrate from a plasma excited with microwave energy, said apparatus comprising a deposition chamber, an antenna extending into said chamber, a source of microwave energy coupled to said antenna from which microwave energy is radiated into the deposition region of the chamber and means for coupling the source of microwave energy into the chamber in the form of a seal for introducing microwave

energy without breaking the vacuum existing in the chamber.



(Comp. specn. pages 22 Drawing sheets 5)

Int. Class[4] A61K 7/043 165523

IMPROVED NAIL POLISH COMPOSITION AND PROCESS FOR PREPARING THE SAME.

Applicant : CHESEBROUGH-POND'S INC., A NEW YORK CORPORATION, OF 33 BENEDICT PLACE, GREENWICH, CONNECTICUT 06830, UNITED STATES OF AMERICA.

Inventors : JOSEPH FARYNIARZ AND JOHN WOOSTER.

Application for Patent No. 477/Del/85 filed on 14th June, 1985.

Convention date 31st October 1984/210059 (New Zealand).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

14 Claims

An improved nail polish composition having a pigment concentration of from 2% to 7% by weight of the total composition and a Newtonian viscosity of not greater than 600 cps. which comprises the combination of :

(a) a nitrocellulose-free pigment paste composed of from 2% to 25% by weight of said paste of a water-insoluble protective colloid such as herein described, from 75% to 98% by weight of said paste of a low-volatising plasticiser such as herein described in which said colloid is soluble and from 20% to 80% by weight of said paste of one or more pigments such as herein described; and

(b) a lacquer formulation composed of from 10% to 20% by weight of said formulation of a primary film-forming material such as herein described, from 7.5% to 18% by weight of said formulation of a modifying resin therefor such as herein described and the balance made up of additional ingredients such as herein described conventionally employed in such formulations,

said colloid being compatible with said plasticiser and with said film forming material and said plasticiser being compatible with said film-forming material.

(Compl. Specn. 38 pages Drawing sheets 2)

Int. Class[4] : C10M 145/14 165524

A CRUDE OIL-ADDITIVE COMPOSITION HAVING IMPROVED FLOW PROPERTIES.

Applicant : SOCIETE NATIONALE ELF AQUITAINE, A FRENCH COMPANY, OF TOUR AQUITAINE, 92400 COURBEVOID, FRANCE, AND CECA S.A., A FRENCH COMPANY, OF 11 AVENUE MORANE SAULNIER, 78240 VELIZY VILLACOUBLAY, FRANCE.

Inventors : GILLES MEUNIER, RENE BROUARD, PAUL MALDONADO, & JEAN-LUC VOLLE.

Application for Patent No. 481/Del/85 filed on 17th June, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

Claims 8

A crude oil-additive composition having improved flow properties which comprises a mixture of crude oil and 5 to 4000 ppm by weight of said additive wherein said additive is a polymer of :

(a) one or more n-alkylacrylates or alyklmethacrylates, at least 80% of the alkylacrylate or alkylmethacrylate units of which contain C_{20} to C_{22} alkyl units.

(b) one or more unsaturated alpha, beta-dicarboxylic compounds in the form of the diacid, low alkyl ester or anhydride, and

(c) a monomer component such as herein defined having ethylenic unsaturation and selected from vinyl acetate, styrene or mixtures thereof.

(Comp. specn. 20 pages

Int. Class[4] : C08F 14/06 165525

PROCESS FOR PRODUCTION OF VINYE CHLORIDE POLYMER.

Applicant : SHIN-ETSU CHEMICAL CO., LTD., OF 6-1, OHTEMACHI 2-CHOME, CHIYODA-KU, TOKYO 100, JAPAN, A JAPANESE COMPANY.

Inventors : SHUNICHI KOYANAGI, HAJIME KITAMURA, TOSHIHIDE SHIMIZU, ICHIRO KANEKO.

Application for Patent No. 525/Del/85 filed on 3rd July, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

3 Claims

A process for production of a vinyl chloride polymer by suspension polymerization or emulsion polymerization of vinyl chloride monomer or a mixture of vinyl chloride monomer with a vinyl monomer copolymerizable with said vinyl chloride monomer in an aqueous medium, the polymerization being carried out in a polymerizer, the inner wall surface and portions of the auxiliary equipment used with the polymeriser as hereinbefore disclosed which may come into contact with the monomer during polymerization being previously coated with a scaling preventive comprising at least one selected from dyes, pigments and aromatic or heterocyclic compounds having at least 5 conjugated π bonds characterised in that the chloride ion concentration in the reaction mixture is maintained not higher than 100ppm. in a manner such as herein-before defined.

(Comp. Specn. 151 pages)

Int. CLASS[4] : B 21 B 3/02 165526

METHOD FOR ROLLING AND HEAT TREATING A STAINLESS STEEL ROD OF SMALL DIAMETER IN THE RANGE OF 4.0 TO 5.5 M.M. TO PRODUCE STAINLESS STEEL ARTICLES.

Applicant : MORGAN CONSTRUCTION COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE COMMONWEALTH OF MASSACHUSETTS, UNITED STATES OF AMERICA, OF 15 BELMONT STREET, WORCESTER, MASSACHUSETTS 01605, UNITED STATES OF AMERICA.

Inventor : ASJED AHMED JALIL.

Application for Patent No. 536/Del/85 filed on 8th July, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

6 Claims

A method of rolling and heat treating a stainless steel rod of small diameter in the range of 4.0 to 5.5 m.m. to produce stainless steel articles such as herein described, said method comprising :

(a) rolling a process section into a rod by a succession of conventional roughing and finishing steps wherein the process section is water cooled prior to and during said finishing step to reduce the temperature and increase the stiffness of the finished rod;

(b) sizing the finished rod in a known manner to impart thereto, a tolerance of at least about $\pm$ .04 m.m.;

(c) subjecting said sized rod to additional water cooling treatment to further reduce the temperature thereof;

(d) forming a continuous series of rings from said rods by passing the rods through a laying head;

(e) heating the rings in a mutually offset relationship on a conveyor to a temperature of about 1100°C;

(f) subjecting the heated offset rings to additional water cooling treatment; and

(g) finally, air cooling the heat treated offset rings in order to further cool and dry the same.

Compl. speen. 12 pages Drg. 1 sheet

Int. CLASS[4] : G03G 13/00 & 15/00 165527

AN ELECTROPHOTOGRAPHIC PHOTORECEPTOR.

Applicant : ENERGY CONVERSION DEVICES, INC., A CORPORATION OF THE STATE OF DELAWARE, OF 1675 WEST MAPLE ROAD, TROY, MICHIGAN-48084, UNITED STATES OF AMERICA.

Inventors : ANNETTE GAIL JOHNCOCK & STEPHEN JENKINGS HUDGENS.

Application for Patent No. 619/Del/85 filed on 31st July, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

15 Claims

An electrophotographic photoreceptor comprising :

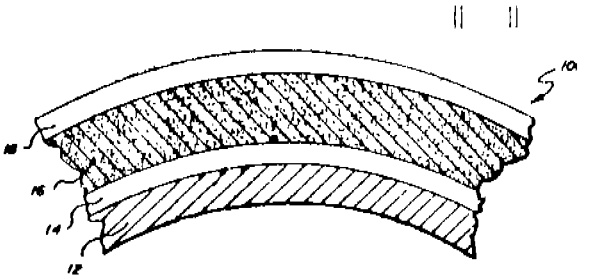
an electrically conductive base electrode;

a semiconductor layer in electrical contact with said base electrode and a photoconductive layer;

having a first surface thereof electrically communicating with said semiconductor layer and in superposed relationship therewith;

said semiconductor layer and said photoconductive layer being of materials of preselected conductivity types so as to establish a blocking condition whereby injection of charge carriers of a given sign from the base electrode into the bulk of the photoconductive layer is substantially inhibited;

said semiconductor layer being formed of a doped microcrystalline semiconductor material.



Compl. speen. 37 pages Drg. 1 Sshet

Int. CLASS[4] : C07C 79/02 165528

PROCESS FOR THE SEPARATION OF ORTHO-NITROTOLUENE FROM ISOMERS OF NITROTOLUENE.

Applicant : UOP INC. A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE IN THE UNITED STATES OF AMERICA, WITH ITS PRINCIPAL PLACE OF BUSINESS LOCATED AT TEN UOP PLAZA, DES PLAINES, ILLINOIS 60016, U.S.A.

Inventor : HERMANN ALBERT ZINNEN.

Application for Patent No. 839/Del/85 filed on 10th October, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

2 Claims

A process for separating ortho-nitrotoluene from a feed mixture comprising ortho-nitrotoluene and at least one other isomer of nitrotoluene, which process comprises contacting at adsorption conditions said mixture with an adsorbent comprising a type X zeolite having cations of metals in Group IA or Group IIA of the periodic Table of the Elements at exchangeable cationic sites, selectively adsorbing said ortho-isomer to the substantial exclusion of the remaining isomers, removing the non-adsorbed portion of the feed mixture from contact with the adsorbent, and thereafter recovering highpurity ortho-nitrotoluene by desorption at desorption conditions characterised by the use of a desorbent material comprising nitrobenzene.

Compl. specn. 19 pages Drg. 3 sheets

Int. CLASS[4] : F16F 1/08; 3/06 165529

A COMBINED SPRING AND DAMPER ESSENTIALLY FOR VEHICLES SUSPENSION.

Applicant : THE SECRETARY OF STATE FOR TRADE AND INDUSTRY IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND, A BRITISH CORPORATION SOLE, OF 1 VICTORIA STREET, LONDON SW1H OET, ENGLAND.

Inventor : GEOFFREY DAVID SCOWEN.

Application for Patent No. 1113/Del/85 filed on 26th December, 1985.

Convention date 10th January, 1985/8500605/(U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

8 Claims

A combined spring and damper comprising :

a plurality of spring elements and a mass of resilient material;

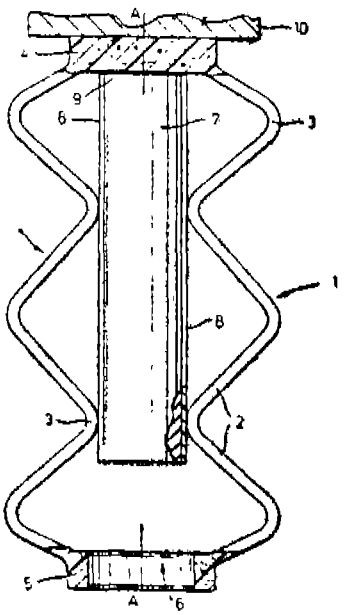
each spring element being in the form of a continuous strip of resilient material which is disposed when unstressed in the form of a zigzag consisting of a plurality of limbs and link portions of reflex form which join together adjacent pairs of limbs by one end thereof;

the spring elements each extending in the same general direction, each being secured to the others at each end thereof and being disposed in radial planes with respect to a common axis;

the mass of resilient material being located on the said axis and secured at one position to the spring elements, whereby on compression of the spring elements in the direction of the said axis;

the resulting radially inward movement of the radially inner reflex portions is resisted resiliently by the mass of resilient material; and

the resulting axial movement of the radially inner reflex portions is resisted by contact with the mass or resilient material and azial compression thereof.



Compl. specn. 7 pages Drg. 1 sheet

Int. CLASS[4] : H01F 10/12 165530

AN IMPROVED PROCESS FOR THE PRODUCTION OF HIGH RESISTIVITY AMORPHOUS HYDROGENATED SILICON FILMS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : PRAKASH NARAIN DIXIT, RAGHUNATH BHATTACHARYYA, OMVIR SINGH PANWAR AND VILASCHANDRA VITHALDAS SHAH.

Application for Patent No. 1124/Del/85 filed on 31st December, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

2 Claims

An improved process for the production of high resistivity amorphous hydrogenated silicon film comprising :

passing a mixture consisting of 5% silane and 95% hydrogen to a glow discharge reactor kept at a temperature in the range of 280°–350°C, pressure 0.6 to 1 Toor and flow rate 40–70 sccm, thereby depositing amorphous hydrogenated silicon film on the substrate as hereindescribed;

passing the unreacted & decomposed silane which mainly contains SiH & SiH_2 from this glow reactor to another glow discharge reactor in which another substrate as hereindescribed kept at a temperature in the range of 280°–350°C, to form amorphous hydrogenated silicon film.

Compl. specn. 11 pages Drg. 3 sheets

CLASS : 39-K; 55-E_2 165531

Int. Cl. : A 61 k 33/40; C 10 b 15/01.

A PROCESS FOR THE PREPARATION OF A STABILIZE HYDROGEN PEROXIDE COMPOSITION.

Applicant : BIOGRAM AB, OF BOX 260, S-20122 MALMO, SWEDEN.

Inventors : (1) BO MAGNUS EKMAN, (2) BENGT ERIK SIGVARD KJELLBERG, (3) KARE VIKTOR LARSSON, (4) AKE RIKARD LINDAHL.

Application No. 914/Cal/1986 filed December 16, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A process for the preparation of a stabilized aqueous hydrogen peroxide composition comprising :

an aqueous dispersion which, based on the total weight of the composition, contains 0.1 – 4 per cent by weight of hydrogen peroxide and 0.5 – 15, preferably 0.5 – 10 per cent by weight of β-crystals of one or more lipids selected from monoglycerides of fatty acids and monoglycerol ethers;

said fatty acids and ether chains, respectively, being saturated and having 12 -18 carbon atoms characterized by mixing said lipid with at least part of the water to be present in the final composition, preferably to a lipid concentration of 15–30 per cent by weight:

heating said mixture to a temperature above the so called conversion temperature of the lipid. which temperature is defined as the lowest temperature of the lipid, which temperature is defined as the lowest temperature at which a particle of the lipid in contact with an excess of water absorbs water and is converted to cylindrical or spherical particles having a strong birefringence;

maintaining the mixture above said temperature while stirring to room temperature or the desired temperature so as to form β-crystals and adding hydrogen peroxide in an amount of 0.1 – 4 per cent by weight of the total weight of the final composition, the hydrogen peroxide preferably being added as a solution in the remainder of the water for the composition.

Compl. speen. 15 pages Drg. Nil

Int. CLASS : E 02 d 7/00 165532

A PNEUMATIC PERCUSSION TOOL.

Applicant : THE LISTER CORPORATION PVT. LTD. OF 24TH LEVEL, M.L.C. CENTRE, 239, GEORGE STREET, BRISBANE, QUEENSLAND 4000, AUSTRALIA.

Inventor : WILLIAM LISTER.

Application No. 938/Cal/1986 filed December 23, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

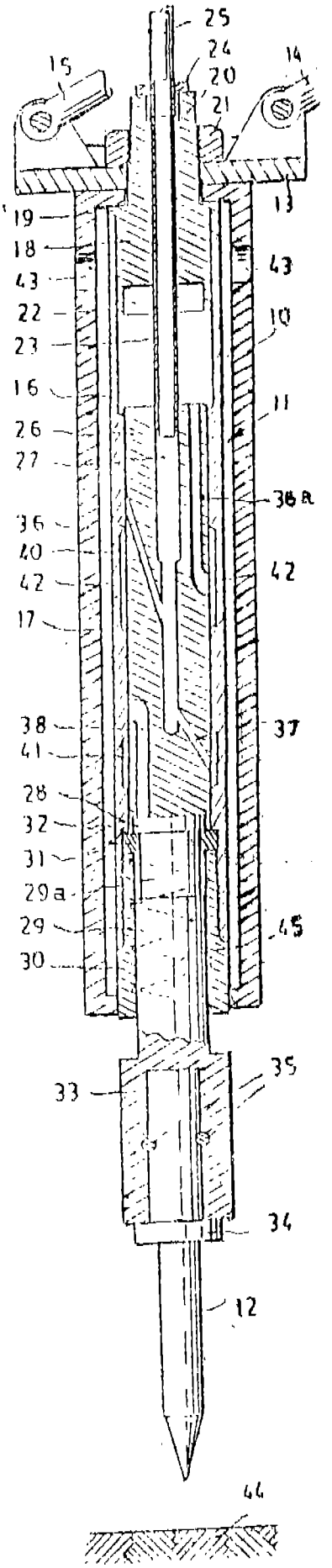
A pneumatic percussion tool including :

a pneumatic cylinder:

a work head extending slidably from an end of the cylinder:

a piston slidable in the cylinder to impact and advance the work head on its downstroke:

means for introducing air under pressure to the cylinder the cylinder being ported for the admission and direction of air under pressure. the piston being also a sliding valve and the parts being so made and arranged that the work head, when forced inwardly relative to the cylinder, moves the piston valve to such position that it is impelled pneumatically on its upstroke and is automatically returned pneumatically on its downstroke.



Compl. speen. 13 pages I

CLASS : 176-J 165533

Int. Cl. : F23j 1/00; 3/00.

APPARATUS FOR CONTINUOUS DRY REMOVAL OF BOTTOM ASH OF STEAM PRODUCING BOILERS.

Applicant : MARIO MAGALDI, RESIDING AT 22, VIALE DEL BOSCO, I 84100 SALERNO, ITALY.

Inventor : MARIO MAGALDI.

Application No. 81/Cal/1987 filed January 27, 1987.

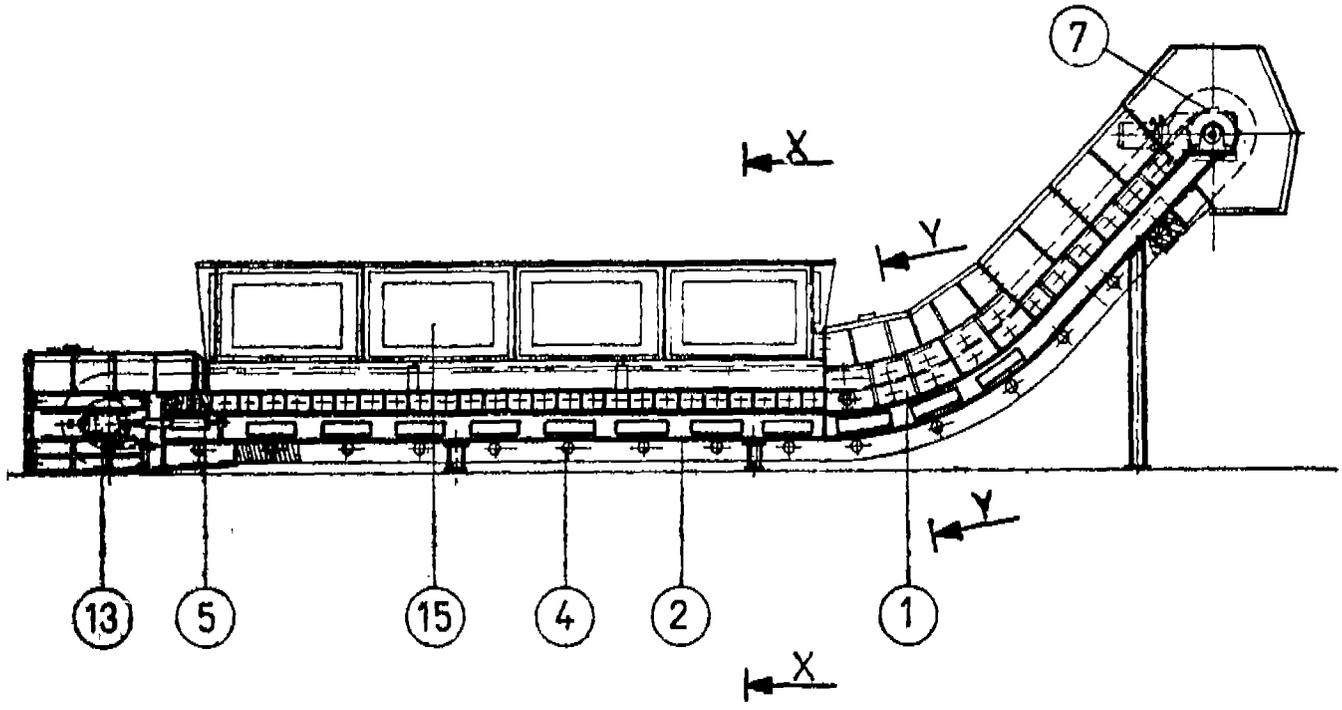
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

Apparatus for continuous dry removal of heavy ash, more particularly from the bottom of steam producing boilers, comprising :

a continuous removing element consisting of a friction driven steel conveyor belt constructed so as to withstand high temperatures, and constituted by two separated but joined elements, of which a plurality of steel plates (1) suitably shaped and partially overlapping so as to form a continuous trough, having the load bearing function; and

the second is a high strength steel wired belt (2) having the driving function, characterized in that the belt (2) is enclosed in a tight sealed steel box (15) applied to the boiler bottom and that each plate (1) is individually fixed to the steel wired belt (2) by means of fasteners such as rivets or bolts (8), connected to crosspieces (9) inserted in the links of said belt (2), so as to allow free expansion of the plates (1) in any direction.



Compl. specn. 9 pages Drg. 5 sheets

CLASS : 2A, B_1 165534

Int. Cl. : F21v 1/00, 5/00, 7/00.

A LOW AIR RESISTANCE ILLUMINATED CHARACTER SHAPED ELEMENT.

Applicant : CHRISTIAN ANDREAS WITTKE, OF GARTENSTRASSE 17, D-7109 JAGSTHAUSEN, F.R. GERMANY.

Inventor : CHRISTIAN ANDREAS WITTKE.

Application No. 227/Cal/1987 filed March 20, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A low air resistance illuminated character shaped element for conforming application to the surface of a moving vehicle comprising in combination :

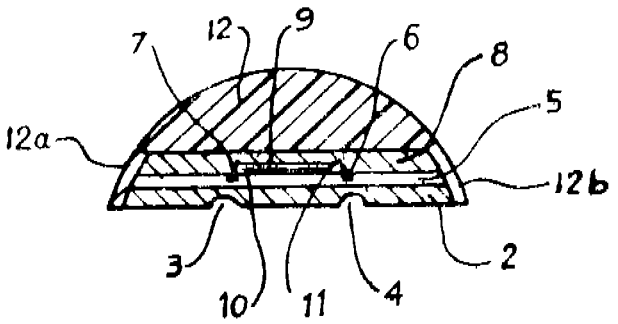
first and second insulating layers of deformable materials e.g. thermoplastic resins, such as herein described, in contact with each other;

said first layer being in contact with a carrier layer serving as a support and including illuminating element conductor means associated therewith;

said second layer being in contact with a deformable arcuate shaped translucent cover member;

said second layer further having associated therewith at least one illumination member interconnected with said conductor means;

and layer assembly retention means along the edges of said cover member and said layers adapted to retain said cover member and said layers in superposed relationship.



Compl. specn. 12 pages Drg. 1 sheet

Int. Cl. : F 03 b 17/00 165535

BUFFER DEVICE FOR THE SPIRAL HOUSINGS OF WATER TURBINES AND LIKE MACHINES.

Applicant : "NEYRPIC", OF 75 RUE DU GENERAL MANGIN FR-38100, GRENOBLE, FRANCE; (2) "ELECTRICITE DE FRANCE" REGION D' EQUIPMENT "ALPS-LYON" SERVICES DE CHAMBERY-3-5-RUE RONDE-FR 73010 CHAMBERY CEDEX, FRANCE.

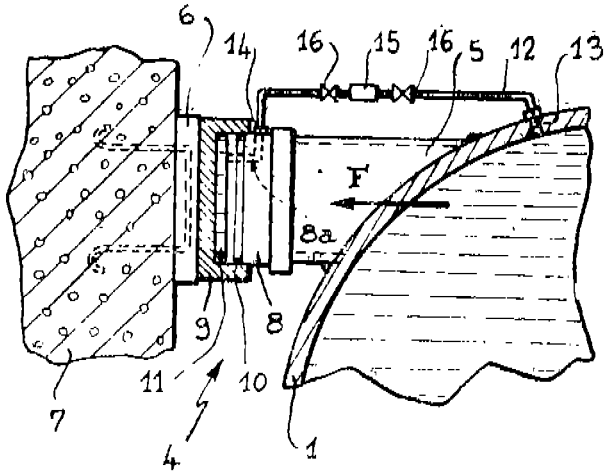
Inventor : BERNARD LOURDEAUX, PATRICK HUVET.

Application No. 238/Cal/1987 filed March 26, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A buffer device for the spiral housings of water turbine, machines wherein the housings include a fluid inlet, an interior, and an extension which is axially aligned with the fluid inlet and extending outwardly towards a fixed support on the opposite side of the housing from the fluid inlet, characterised in that a hydraulic cylindricer means mounted in axial alignment with said extension, said hydraulic cylinder means including a first portion secured to the fixed support and a second portion movable with respect thereto, a cavity formed between said first and second portions, a conduit means communicating the interior of the housing with said cavity whereby the pressure within said hydraulic cylinder means is adjusted so as to directly relate to and offset forces created by the fluid flowing into the housing from the fluid inlet.



Compl. specn. 10 pages Drg. 2 sheets

4—317 GI/89

CLASS : 5-D 165536

Int. Cl. : A 01 g 25/02.

A FLEXIBLE PIPE FOR USE IN DRIP IRRIGATION SYSTEMS.

Applicant : PREMIER IRRIGATION EQUIPMENT LIMITED, 01 17/1C ALIPORE ROAD, CALCUTTA-700027, WEST BENGAL, INDIA.

Inventor : MICHAEL JOHN POOK.

Application No. 268/Cal/1987 filed April 02, 1987.

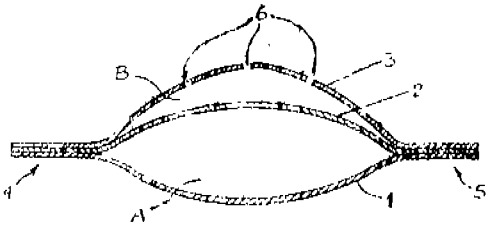
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A flexible pipe for use in drip irrigation system comprising :

a pipe having an elongated cavity or passage extending therethrough, and a diaphragm or partition wall inside the pipe extending over the length of the pipe and dividing the cavity into two elongated passages or chambers one of which chambers forming passages for water under pressure;

the diaphragm or partition wall having a plurality of apertures and the wall of the pipe bounding the other chamber of said cavity having a plurality of holes at spaced intervals along the length of the pipe.



Compl. specn. 8 pages Drg. 1 sheet

CLASS : 172-C_1; 9; 172-F 165537

Int. Cl. : D 01 g 15/00.

AN IMPROVED CARDING MACHINE.

Applicant : TRUTZSCHLER GMBH & CO. KG, OF DUVENSTR. 82–92, D-4050, MONCHENGLADBACH 3, WEST GERMANY.

Inventors : (1) WOLFGANG WIENING, (2) ULRICH HOFFMANN, (3) HEINRICH RAKE.

Application No. 331/Cal/1987 filed April 27, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

An improved carding machine comprising :

a rotary rollers handling the fiber processed by the carding machine;

a motor driving one of said rollers; and

an output discharging a running sliver;

an apparatus operatively connected with said carding machine for controlling said carding machine for evening the running sliver;

the apparatus including a sliver thickness measuring means arranged at the card output for sensing the actual thickness of the running sliver and generating mechanical signals representing the actual sliver thickness;

a transducer connected to said sliver thickness measuring means for converting the mechanical signals into first electric signals;

a sliver regulating device connected to said transducer for receiving the signals from said transducer;

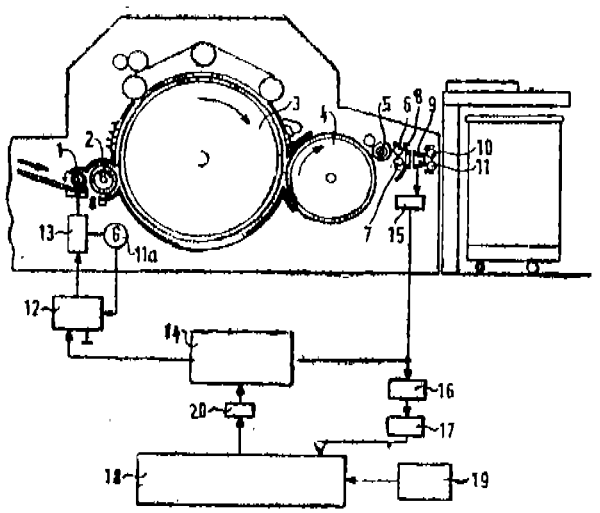
said sliver regulating device being connected to said motor for controlling the rpm of said motor;

a desired value setting device connected with said sliver regulating device;

the improvement wherein comprising an integrating device connected to said transducer for receiving said electric signals therefrom and for combing the signals into a second signal representing an actual sliver thickness;

a memory connected with said integrating device for receiving said second signal from said integrating device;

a computer connected to said memory for receiving signals from said inputting device and a sliver weighing device connected to said inputting device for applying signals to said inputting device.



Compl. specn. 17 pages Drg. 4 sheets

Int. CLASS : D 03 c 9/00 165538

A LOOM SHEDDING DEVICE.

Applicant : SULZER BROTHERS LIMITED, OF CH-8401 WINTERTHUR, SWITZERLAND.

Inventors : PETER HANS.

Application No. 395/Cal/1987 filed May 18, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A loom shedding device :

having a number of cams (2, 3) secured to a shaft (11a) and adapted to drive pivoted cam follower levers (7);

thrust rods (8) connected thereto and pivoted bent levers (9) connected to the thrust rods (8);

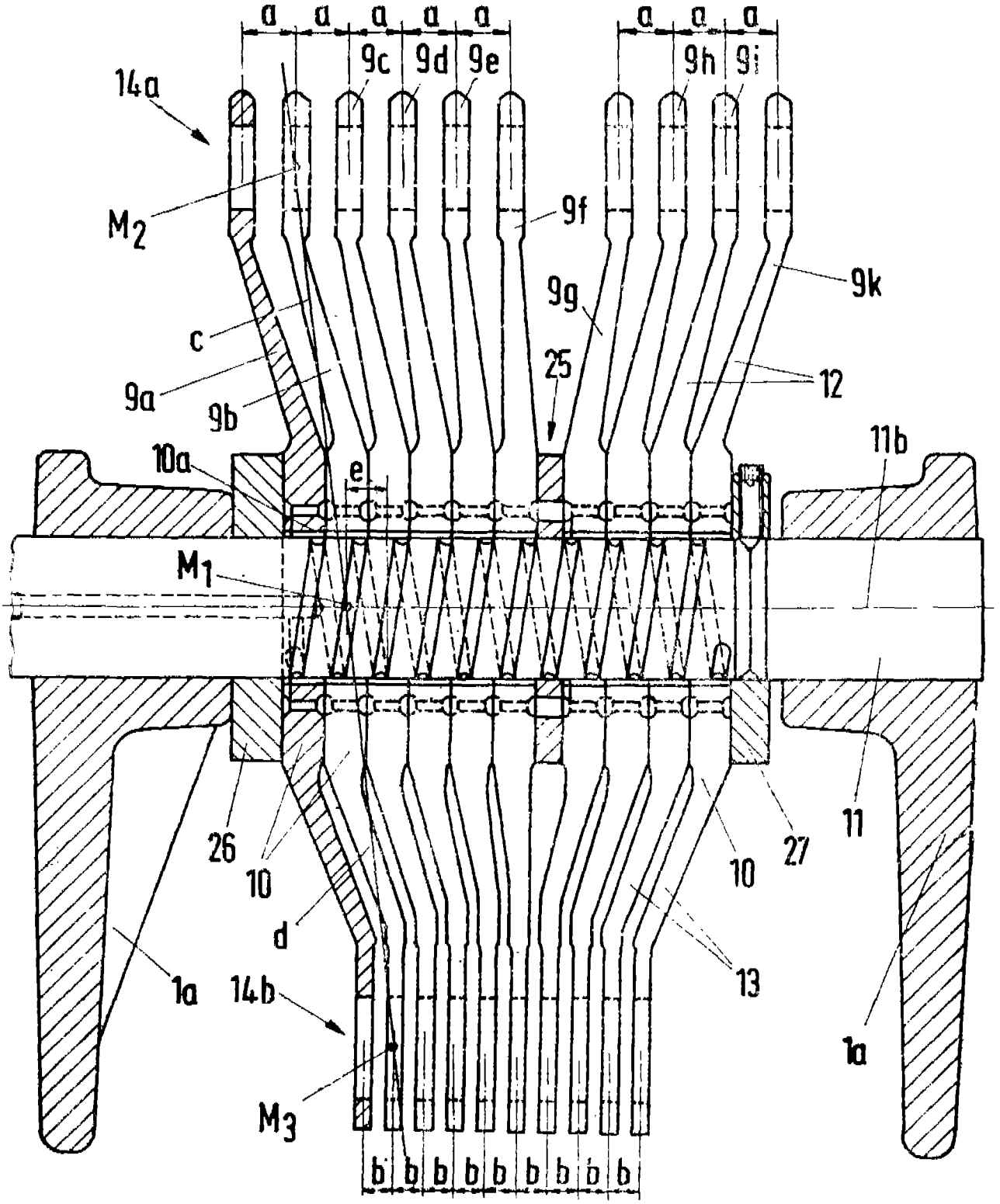
the bent levers (9) having a central bearing (10a); one arm (12) on their input side and one arm (13) on their output side;

at least one arm (12) being cranked out from the bearing (10a) of the bent lever (9) motion-transmitting pivots (14a, 14b) being disposed at the ends of the arms (12, 13);

characterised in that the arms (12, 13) are so cranked that, as seen in a group in a view perpendicular to their bearing axis (11b);

the bent levers 9a, b... k) have a fan shape in which the spacing (b) between the pivots (14b) at the output end is less than the distance from one bearing centre (M_1) to the other and such distance is less than the spacing (a) between the pivots (M_2) at the input end, so that the connecting lines (c, d) between the centres (M_2, M_8) of the pivots (14a, 14b) of any lever and the centre (M_1) of the lever bearing (10a) include with the bearing axis (11b) angles differing by at most 8

Compl. specn. 7 pages Drg. 4 sheets



Compl. specn. 7 pages Drg. 2 sheets

Int. CLASS : C 07 c 33/00 165539

AN IMPROVED PROCESS FOR THE PREPARATION OF UNSATURATED ALCOHOLS FROM CARBONYL COMPOUNDS BY CATALYTIC HYDROGENATION.

Applicant : IEL LIMITED, AT ICI HOUSE, 34 CHOWRINGEE ROAD, CALCUTTA-700 071, WEST BENGAL, INDIA.

Inventors : (1) CHAKRAVARTHULA SRINIVASA NARASIMHAN, (2) VINAYAK MADHUKAR DESHPANDE, (3) KRISHNAN RAMNARAYAN.

Application No. 570/Cal/1987 filed July 24, 1987.

Complete Specification left on 7th July, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

An improved process for the preparation of unsaturated alcohols from carbonyl compounds, said process comprises reacting a carbonyl compound such as herein described with hydrogen gas in the presence of a novel catalyst comprising ruthenium tin and boron in combination with or without a carrier such as herein described at 25–200°C and 1 to 12 atmospheres, the molar ratio of hydrogen to the carbonyl compound being 1 : 2 to 1 : 20 and the molar ratio of ruthenium to tin being 1 : 0.5 to 1 : 4 and the molar ratio of ruthenium to boron being 1 : 0.03 to 1 : 1 and the molar ratio of ruthenium to the carrier being 0.1 : 100 to 5 : 100 and isolating the alcohols formed from the reaction mixture in a known manner such as herein described.

Compl. specn. 6 pages Drg. Nil

Provl. specn. 5 pages Drg. Nil

CLASS : 165540

Int. Cl. : C 07 c 27/00, 29/00.

AN IMPROVED PROCESS FOR THE PREPARATION OF FATTY ALCOHOLS AND DIOLS FROM CARBONYL COMPOUND BY CATALYTIC HYDROGENATION.

Applicant : IEL LIMITED, AT ICI HOUSE, 34, CHOWRINGHEE ROAD, CALCUTTA-700 071, WEST BENGAL, INDIA.

Inventors : (1) CHAKRAVARTHULA SRINIVASA NARASIMHAN, (2) VINAYAK MADHUKAR DESHPANDE, (3) KRISHNAN RAMNARAYAN.

Application No. 571/Cal/1987 filed July 24, 1987.

Complete Specification left on 7th July, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

An improved process for the preparation of fatty alcohols and diols from carbonyl compounds by catalytic hydrogenation, said process comprises :

reacting a carbonyl compound such as herein described with hydrogen gas in the presence of a novel catalyst comprising a noble metal such as herein described;

Group IV A metal of the periodic Table such as herein described and boron in combination with or without a carrier such as herein described at 160–280°C and 10 to 100 atmospheres;

the molar ratio of hydrogen to the carbonyl compound being 1 : 2 to 1 : 50 and the molar ratio of the noble metal to the Group IV A metal of the Periodic table being 1 : 0.5 to 1 : 4 and that of the noble metal to boron being 1 : 0.03 to 1 : 1; and

that of the noble metal to the carrier being 0.1 : 100 to 5 : 100; and

isolating the alcohols and diols formed from the reaction mixture in a known manner such as herein described.

Compl. specn. 12 pages Drg. Nil

Provl. specn. 9 pages Drg. Nil

CANCELLATION OF DESIGN BY THE HIGH COURT UNDER SECTION 51 A(1)(a)

Registered Design No. 148719 dated 1st August, 1979 in the name of National Winder and Also Raj Kumar Shah & Sons has been cancelled by the order dated 4th May, 1987 passed by the Hon'ble Justice Mrs. Monjula Bose of the Calcutta High Court.

REGISTRATION OF DESIGNS

The following design have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 160870. Rajesh V. Shah Proprietor of Rajesh Traders carrying on business at P.M. Savla Compound, 1st Tar Gali, Jari Mari, Kerula Andheri Road, Bombay-400 072, Maharashtra, India. "All purpose Automatic Hinge". 7th April, 1989.

Class 1. Nos. 160933 & 160934. Partecipazioni Bulgari S.P.A., an Italian company of No. 5 Via Gregoriana-00187 ROMA, Italy. "Earring". 1st May, 1989.

Class 1. No. 160939. Partecipazioni Bulgari S.P.A., an Italian company of No. 5 Via Gregoriana-00187 ROMA, Italy. a "Bracelet". 1st May, 1989.

Class 1. No. 160981. Pradeep Kumar, Resident of A-10, Gujranwala Town, Phase-I, Delhi-110033, India, an Indian National. "Portable Electric Drill". 10 May 1989.

Class 1. No. 161036. Anjali Products, 170, Bombay Talkies State of Maharashtra, India. "A Vegetable Choping & Milk Churning Blade". 1st June, 1989.

Class 1. No. 161186. Bandhu Machinery Pvt. Ltd., 8-B, Bahadur Shah Zafar Marg, New Delhi-110002. India, a company incorporated under the Indian Companies Act. "Printing Press". 12th July, 1989.

Class 1. No. 161218. Satish Malhotra, an Indian National, trading as S.K.M. International 20-A, Shiva Ji Marg, Industrial Area, New Delhi-110015, India. "Baby Cradle". 25th July, 1989.

Class 3. Nos. 160871 to 160873. Landis & Gyr Communications Limited, a British Company of 40 Purley way, Croydon, SurreyCR 9 3BH, England. a "Telephone Apparatus". Reciprocity date is 7th October, 1988 (U.K.).

Class 3. No. 160958. Bata India Limited, 30, Shakespeare Sarani, Calcutta 700 017, West Bengal, India. "a sole for the footwear". 3rd May, 1989.

Class 3. No. 160998. Transel Devices Pvt. Ltd., (Incorporated under the companies Act, 1956) 1o, Customs Colony, 4th Avnue Besantnagar, Madras 600 090, Tamil Nadu, India. "Voltester".

Class 3. Nos. 161007, 161009 & 161010. Niranjan Plastics, 19/7, Botawala Bldg, Sitladevi Temple Road, Bombay-16. Maharashtra, India, an Indian Proprietory firm. "Containers". 24th May, 1989.

Class 3. No. 161034. The Gilette Company, a Delaware Corporation of Prudential Tower Buliding, Boston. State of Massachusetts, United States of America, manufacturers. a "Overcap Dispenser for Shaving Unit". 1st June, 1989.

Class 3. No. 161038. Anjali Products, 170, Bombay Talkies Compound, Malad (West), Bombay-400 064, State of Maharashtra, India. "A Vegetable Choping & Milk Churning Device". 1st June, 1989.

Class 3. No. 161091. Ivan Nigli, Citizen of India, Sole Proprietor of Bangalore Detergents & Plastic Co,. B. Narayanapura Extension, Doorvani Nagar Post, Bangalore 560016, Karnataka, India. a "Bottle". 19th June, 1989.

Class 3. No. 161095. Jagatjit Industries Limited, 5th Floor, Bhandari House, 9--Nehru Place, New Delhi-110019. India. An Indian Company. "Tumbler". 19th June, 1989.

Class 3. No. 161096. Jagatjit Industries Limited, 5th Floor, Bhandari House 91-Nehru Place, New Delhi-110019 India. An Indian Company. "JAR". 19th June, 1989.

Class 3. No. 161105. Ashish Enterprises, Irani Bldg., Ground floor, 303, Cawasji Street, Bombay-2, State of Maharashtra, India, an Indian Partnership firm. "Ball Pen". 26th June, 1989.

Class 3. No. 161175. The Gillette Company, a Delaware Boston, State of Massachusetts, United States of America, manufacturers. a "Shaving Cartridge Dispenser". 10th July, 1989.

Class 3. Nos. 161306 & 161307. Plastronics, Registered Partnership firm of A-24, Nand Jyot Industrial Estate, Safed Pool, Andheri-Kurla Road, Bombay-400072, in the State of Maharashtra, India. "Base for Mixer Grinder". 18th August, 1989.

Class 12. No. 161023. Sajavat, 210, Golf Links, New Delhi-110003, India. "SOFA". 29th May, 1989.

Copyright Extended for the Second period of five years

No. 147799. . . . . Class 1.
No. 160833 . . . . . Class 1.

Copyright Extended for the Third period of five years

Nos. 147799, 147807. . . . . Class 1.

R. A. ACHARYA
Controller General of Patents, Designs and Trade Marks

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